표 ESStb-M1, 포화 수 및 증기 성질 (온도 기준) - 1/5

온도	압력	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	온도
oC	kg/cm2 a	vl	dv	vv	hl	dh	hv	sl	ds	sv	oC
0	*0.006 233	0.001 000 2	206.14	206.14	-0.0099	597.34	597.33	-0.00004	2.1869	2.1868	**0**
0.01	0.006 237	0.001 000 2	206.00	206.00	0.0001	597.33	597.33	0.00000	2.1868	2.1868	**0.01**
1	0.006 700	0.001 000 1	192.44	192.44	0.9976	596.77	597.77	0.00364	2.1768	2.1804	**1**
2	0.007 199	0.001 000 1	179.76	179.76	2.0043	596.20	598.21	0.00731	2.1668	2.1741	**2**
3	0.007 730	0.001 000 1	168.01	168.01	3.0103	595.63	598.64	0.0110	2.1569	2.1679	**3**
4	0.008 296	0.001 000 1	157.12	157.12	4.0156	595.07	599.08	0.0146	2.1471	2.1617	**4**
5	0.008 898	0.001 000 1	147.02	147.02	5.0204	594.50	599.52	0.0182	2.1373	2.1556	**5**
6	0.009 538	0.001 000 1	137.64	137.64	6.0246	593.93	599.96	0.0218	2.1277	2.1495	**6**
7	0.010 22	0.001 000 1	128.93	128.93	7.0282	593.37	600.40	0.0254	2.1180	2.1434	**7**
8	0.010 94	0.001 000 2	120.83	120.83	8.0314	592.80	600.83	0.0290	2.1085	2.1375	**8**
9	0.011 71	0.001 000 3	113.31	113.31	9.0342	592.24	601.27	0.0325	2.0990	2.1316	**9**
10	0.012 52	0.001 000 3	106.31	106.31	10.037	591.67	601.71	0.0361	2.0896	2.1257	**10**
11	0.013 39	0.001 000 4	99.792	99.793	11.039	591.11	602.14	0.0396	2.0803	2.1199	**11**
12	0.014 30	0.001 000 5	93.723	93.724	12.040	590.54	602.58	0.0431	2.0710	2.1141	**12**
13	0.015 28	0.001 000 7	88.069	88.070	13.042	589.98	603.02	0.0466	2.0618	2.1084	**13**
14	0.016 30	0.001 000 8	82.797	82.798	14.043	589.41	603.45	0.0501	2.0526	2.1028	**14**
15	0.017 39	0.001 000 9	77.880	77.881	15.043	588.85	603.89	0.0536	2.0435	2.0972	**15**
16	0.018 55	0.001 001 1	73.290	73.291	16.044	588.28	604.32	0.0571	2.0345	2.0916	**16**
17	0.019 77	0.001 001 3	69.005	69.006	17.044	587.72	604.76	0.0605	2.0256	2.0861	**17**
18	0.021 05	0.001 001 5	65.002	65.003	18.044	587.15	605.20	0.0640	2.0167	2.0806	**18**
19	0.022 42	0.001 001 6	61.260	61.261	19.044	586.59	605.63	0.0674	2.0078	2.0752	**19**
20	0.023 85	0.001 001 8	57.760	57.761	20.044	586.02	606.06	0.0708	1.9990	2.0699	**20**
21	0.025 37	0.001 002 1	54.486	54.487	21.043	585.45	606.50	0.0742	1.9903	2.0646	**21**
22	0.026 97	0.001 002 3	51.421	51.422	22.043	584.89	606.93	0.0776	1.9817	2.0593	**22**
23	0.028 66	0.001 002 5	48.551	48.552	23.042	584.32	607.37	0.0810	1.9731	2.0541	**23**
24	0.030 44	0.001 002 8	45.862	45.863	24.041	583.76	607.80	0.0844	1.9645	2.0489	**24**
25	0.032 32	0.001 003 0	43.340	43.341	25.040	583.19	608.23	0.0877	1.9560	2.0438	**25**
26	0.034 30	0.001 003 3	40.976	40.977	26.039	582.63	608.66	0.0911	1.9476	2.0387	**26**
27	0.036 38	0.001 003 5	38.757	38.758	27.038	582.06	609.10	0.0944	1.9392	2.0336	**27**
28	0.038 57	0.001 003 8	36.674	36.675	28.037	581.49	609.53	0.0977	1.9309	2.0286	**28**
29	0.040 88	0.001 004 1	34.718	34.719	29.035	580.92	609.96	0.1010	1.9226	2.0237	**29**
30	0.043 30	0.001 004 4	32.881	32.882	30.034	580.36	610.39	0.1043	1.9144	2.0188	**30**
31	0.045 85	0.001 004 7	31.153	31.154	31.032	579.79	610.82	0.1076	1.9063	2.0139	**31**
32	0.048 53	0.001 005 0	29.528	29.529	32.031	579.22	611.25	0.1109	1.8982	2.0090	**32**
33	0.051 34	0.001 005 4	28.000	28.001	33.029	578.65	611.68	0.1142	1.8901	2.0043	**33**
34	0.054 30	0.001 005 7	26.561	26.562	34.027	578.08	612.11	0.1174	1.8821	1.9995	**34**
35	0.057 40	0.001 006 0	25.207	25.208	35.026	577.51	612.54	0.1207	1.8741	1.9948	**35**
36	0.060 65	0.001 006 4	23.931	23.932	36.024	576.95	612.97	0.1239	1.8662	1.9901	**36**
37	0.064 06	0.001 006 8	22.728	22.729	37.022	576.38	613.40	0.1271	1.8584	1.9855	**37**
38	0.067 63	0.001 007 1	21.594	21.595	38.020	575.81	613.83	0.1303	1.8506	1.9809	**38**
39	0.071 38	0.001 007 5	20.525	20.526	39.018	575.23	614.25	0.1335	1.8428	1.9763	**39**
40	0.075 30	0.001 007 9	19.516	19.517	40.016	574.66	614.68	0.1367	1.8351	1.9718	**40**
41	0.079 41	0.001 008 3	18.564	18.565	41.015	574.09	615.11	0.1399	1.8274	1.9674	**41**
42	0.083 71	0.001 008 7	17.664	17.665	42.013	573.52	615.53	0.1431	1.8198	1.9629	**42**
43	0.088 21	0.001 009 1	16.815	16.816	43.011	572.95	615.96	0.1462	1.8123	1.9585	**43**
44	0.092 91	0.001 009 5	16.012	16.013	44.009	572.37	616.38	0.1494	1.8047	1.9541	**44**
45	0.097 84	0.001 009 9	15.252	15.253	45.007	571.80	616.81	0.1525	1.7973	1.9498	**45**
46	0.102 98	0.001 010 3	14.534	14.535	46.006	571.23	617.23	0.1557	1.7898	1.9455	**46**
47	0.108 35	0.001 010 8	13.855	13.856	47.004	570.65	617.66	0.1588	1.7825	1.9412	**47**
48	0.113 97	0.001 011 2	13.212	13.213	48.002	570.08	618.08	0.1619	1.7751	1.9370	**48**
49	0.119 83	0.001 011 7	12.603	12.604	49.001	569.50	618.50	0.1650	1.7678	1.9328	**49**
50	0.125 95	0.001 012 1	12.027	12.028	49.999	568.92	618.92	0.1681	1.7606	1.9287	**50**
51	0.132 33	0.001 012 6	11.481	11.482	50.998	568.35	619.35	0.1712	1.7533	1.9245	**51**
52	0.138 99	0.001 013 1	10.963	10.964	51.996	567.77	619.77	0.1743	1.7462	1.9204	**52**
53	0.145 94	0.001 013 6	10.472	10.473	52.995	567.19	620.19	0.1773	1.7391	1.9164	**53**
54	0.153 18	0.001 014 0	10.006	10.007	53.993	566.61	620.61	0.1804	1.7320	1.9123	**54**
55	0.160 72	0.001 014 5	9.5639	9.5649	54.992	566.03	621.03	0.1834	1.7249	1.9084	**55**

* 표시 상태는 원래 열역학적 안정 상태에서 고체입니다. 제시된 값은 준안정 상태의 액체에 대한 값입니다.

표 ESStb-M1, 포화 수 및 증기 성질 (온도 기준) - 2/5

온도	압력	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	온도
oC	kg/cm2 a	vl	dv	vv	hl	dh	hv	sl	ds	sv	oC
56	0.168 58	0.001 015 0	9.1444	9.1454	55.991	565.45	621.44	0.1865	1.7179	1.9044	**56**
57	0.176 77	0.001 015 5	8.7461	8.7471	56.990	564.87	621.86	0.1895	1.7110	1.9005	**57**
58	0.185 29	0.001 016 1	8.3678	8.3688	57.989	564.29	622.28	0.1925	1.7040	1.8965	**58**
59	0.194 16	0.001 016 6	8.0083	8.0093	58.988	563.71	622.70	0.1955	1.6971	1.8927	**59**
60	0.203 39	0.001 017 1	7.6666	7.6677	59.987	563.12	623.11	0.1985	1.6903	1.8888	**60**
61	0.212 99	0.001 017 6	7.3418	7.3428	60.987	562.54	623.53	0.2015	1.6835	1.8850	**61**
62	0.222 98	0.001 018 2	7.0328	7.0338	61.986	561.96	623.94	0.2045	1.6767	1.8812	**62**
63	0.233 35	0.001 018 7	6.7389	6.7399	62.986	561.37	624.36	0.2075	1.6700	1.8775	**63**
64	0.244 14	0.001 019 3	6.4591	6.4601	63.985	560.78	624.77	0.2105	1.6633	1.8738	**64**
65	0.255 35	0.001 019 9	6.1928	6.1938	64.985	560.20	625.18	0.2134	1.6566	1.8701	**65**
66	0.266 99	0.001 020 4	5.9392	5.9402	65.985	559.61	625.59	0.2164	1.6500	1.8664	**66**
67	0.279 08	0.001 021 0	5.6976	5.6986	66.985	559.02	626.00	0.2193	1.6434	1.8628	**67**
68	0.291 62	0.001 021 6	5.4674	5.4684	67.985	558.43	626.41	0.2222	1.6369	1.8591	**68**
69	0.304 65	0.001 022 2	5.2479	5.2490	68.986	557.84	626.82	0.2252	1.6304	1.8556	**69**
70	0.318 16	0.001 022 8	5.0387	5.0397	69.986	557.25	627.23	0.2281	1.6239	1.8520	**70**
71	0.332 17	0.001 023 4	4.8392	4.8402	70.987	556.65	627.64	0.2310	1.6175	1.8485	**71**
72	0.346 70	0.001 024 0	4.6488	4.6498	71.988	556.06	628.05	0.2339	1.6111	1.8450	**72**
73	0.361 77	0.001 024 6	4.4671	4.4681	72.989	555.47	628.45	0.2368	1.6047	1.8415	**73**
74	0.377 38	0.001 025 2	4.2937	4.2947	73.990	554.87	628.86	0.2397	1.5984	1.8380	**74**
75	0.393 56	0.001 025 8	4.1281	4.1291	74.991	554.27	629.26	0.2426	1.5920	1.8346	**75**
76	0.410 32	0.001 026 5	3.9699	3.9709	75.993	553.67	629.67	0.2454	1.5858	1.8312	**76**
77	0.427 68	0.001 027 1	3.8188	3.8198	76.995	553.08	630.07	0.2483	1.5795	1.8278	**77**
78	0.445 65	0.001 027 7	3.6743	3.6754	77.997	552.48	630.47	0.2512	1.5733	1.8245	**78**
79	0.464 25	0.001 028 4	3.5363	3.5373	78.999	551.87	630.87	0.2540	1.5672	1.8212	**79**
80	0.483 50	0.001 029 0	3.4042	3.4053	80.001	551.27	631.27	0.2569	1.5610	1.8179	**80**
81	0.503 41	0.001 029 7	3.2780	3.2790	81.004	550.67	631.67	0.2597	1.5549	1.8146	**81**
82	0.524 01	0.001 030 4	3.1572	3.1582	82.007	550.06	632.07	0.2625	1.5488	1.8113	**82**
83	0.545 31	0.001 031 0	3.0415	3.0426	83.010	549.46	632.47	0.2653	1.5428	1.8081	**83**
84	0.567 32	0.001 031 7	2.9309	2.9319	84.013	548.85	632.86	0.2681	1.5367	1.8049	**84**
85	0.590 08	0.001 032 4	2.8249	2.8259	85.016	548.24	633.26	0.2709	1.5308	1.8017	**85**
86	0.613 60	0.001 033 1	2.7234	2.7244	86.020	547.63	633.65	0.2737	1.5248	1.7985	**86**
87	0.637 90	0.001 033 8	2.6262	2.6272	87.024	547.02	634.05	0.2765	1.5189	1.7954	**87**
88	0.662 99	0.001 034 5	2.5330	2.5341	88.028	546.41	634.44	0.2793	1.5130	1.7923	**88**
89	0.688 91	0.001 035 2	2.4437	2.4448	89.033	545.80	634.83	0.2821	1.5071	1.7892	**89**
90	0.715 66	0.001 035 9	2.3581	2.3591	90.037	545.18	635.22	0.2849	1.5012	1.7861	**90**
91	0.743 28	0.001 036 7	2.2760	2.2771	91.042	544.56	635.61	0.2876	1.4954	1.7831	**91**
92	0.771 77	0.001 037 4	2.1973	2.1983	92.048	543.95	635.99	0.2904	1.4896	1.7800	**92**
93	0.801 17	0.001 038 1	2.1217	2.1228	93.053	543.33	636.38	0.2931	1.4839	1.7770	**93**
94	0.831 50	0.001 038 9	2.0492	2.0502	94.059	542.71	636.76	0.2959	1.4782	1.7740	**94**
95	0.862 77	0.001 039 6	1.9796	1.9806	95.065	542.08	637.15	0.2986	1.4724	1.7710	**95**
96	0.895 02	0.001 040 4	1.9128	1.9138	96.071	541.46	637.53	0.3013	1.4668	1.7681	**96**
97	0.928 26	0.001 041 1	1.8486	1.8497	97.078	540.83	637.91	0.3041	1.4611	1.7652	**97**
98	0.962 51	0.001 041 9	1.7870	1.7880	98.085	540.21	638.29	0.3068	1.4555	1.7623	**98**
99	0.997 81	0.001 042 7	1.7277	1.7288	99.092	539.58	638.67	0.3095	1.4499	1.7594	**99**
100	1.034 2	0.001 043 5	1.6708	1.6719	100.10	538.95	639.05	0.3122	1.4443	1.7565	**100**
101	1.071 6	0.001 044 2	1.6161	1.6171	101.11	538.32	639.43	0.3149	1.4388	1.7536	**101**
102	1.110 2	0.001 045 0	1.5635	1.5645	102.12	537.68	639.80	0.3176	1.4332	1.7508	**102**
103	1.149 9	0.001 045 8	1.5129	1.5140	103.12	537.05	640.17	0.3202	1.4277	1.7480	**103**
104	1.190 8	0.001 046 6	1.4642	1.4653	104.13	536.41	640.55	0.3229	1.4223	1.7452	**104**
105	1.232 9	0.001 047 4	1.4174	1.4185	105.14	535.77	640.92	0.3256	1.4168	1.7424	**105**
106	1.276 1	0.001 048 3	1.3724	1.3734	106.15	535.13	641.29	0.3283	1.4114	1.7396	**106**
107	1.320 7	0.001 049 1	1.3290	1.3301	107.16	534.49	641.66	0.3309	1.4060	1.7369	**107**
108	1.366 5	0.001 049 9	1.2873	1.2883	108.17	533.85	642.02	0.3336	1.4006	1.7342	**108**
109	1.413 6	0.001 050 7	1.2471	1.2481	109.18	533.20	642.39	0.3362	1.3953	1.7315	**109**
110	1.462 0	0.001 051 6	1.2083	1.2094	110.19	532.56	642.75	0.3388	1.3899	1.7288	**110**
111	1.511 8	0.001 052 4	1.1710	1.1721	111.21	531.91	643.11	0.3415	1.3846	1.7261	**111**
112	1.563 0	0.001 053 3	1.1351	1.1362	112.22	531.26	643.47	0.3441	1.3793	1.7234	**112**
113	1.615 6	0.001 054 1	1.1005	1.1015	113.23	530.60	643.83	0.3467	1.3741	1.7208	**113**
114	1.669 6	0.001 055 0	1.0671	1.0681	114.24	529.95	644.19	0.3493	1.3688	1.7182	**114**
115	1.725 1	0.001 055 9	1.0349	1.0359	115.26	529.29	644.55	0.3520	1.3636	1.7156	**115**

표 ESStb-M1, 포화 수 및 증기 성질 (온도 기준) - 3/5

온도	압력	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	온도
oC	kg/cm2 a	vl	dv	vv	hl	dh	hv	sl	ds	sv	oC
116	1.782 1	0.001 056 8	1.0038	1.0049	116.27	528.63	644.90	0.3546	1.3584	1.7130	**116**
117	1.840 7	0.001 057 6	0.973 90	0.974 95	117.28	527.97	645.25	0.3572	1.3532	1.7104	**117**
118	1.900 8	0.001 058 5	0.945 01	0.946 07	118.30	527.31	645.60	0.3597	1.3481	1.7078	**118**
119	1.962 5	0.001 059 4	0.917 14	0.918 20	119.31	526.64	645.95	0.3623	1.3430	1.7053	**119**
120	2.025 8	0.001 060 3	0.890 24	0.891 30	120.33	525.97	646.30	0.3649	1.3378	1.7028	**120**
121	2.090 8	0.001 061 2	0.864 28	0.865 34	121.34	525.30	646.65	0.3675	1.3327	1.7002	**121**
122	2.157 5	0.001 062 2	0.839 21	0.840 28	122.36	524.63	646.99	0.3701	1.3277	1.6977	**122**
123	2.225 9	0.001 063 1	0.815 01	0.816 07	123.37	523.96	647.33	0.3726	1.3226	1.6952	**123**
124	2.296 1	0.001 064 0	0.791 63	0.792 69	124.39	523.28	647.68	0.3752	1.3176	1.6928	**124**
125	2.368 0	0.001 064 9	0.769 05	0.770 11	125.41	522.61	648.01	0.3777	1.3126	1.6903	**125**
126	2.441 8	0.001 065 9	0.747 23	0.748 29	126.43	521.92	648.35	0.3803	1.3076	1.6879	**126**
127	2.517 5	0.001 066 8	0.726 14	0.727 21	127.44	521.24	648.69	0.3828	1.3026	1.6854	**127**
128	2.595 0	0.001 067 8	0.705 76	0.706 83	128.46	520.56	649.02	0.3854	1.2977	1.6830	**128**
129	2.674 5	0.001 068 7	0.686 06	0.687 13	129.48	519.87	649.35	0.3879	1.2927	1.6806	**129**
130	2.755 9	0.001 069 7	0.667 01	0.668 08	130.50	519.18	649.68	0.3904	1.2878	1.6782	**130**
131	2.839 3	0.001 070 7	0.648 59	0.649 66	131.52	518.49	650.01	0.3929	1.2829	1.6759	**131**
132	2.924 8	0.001 071 7	0.630 78	0.631 85	132.54	517.79	650.34	0.3955	1.2780	1.6735	**132**
133	3.012 3	0.001 072 7	0.613 54	0.614 61	133.56	517.10	650.66	0.3980	1.2732	1.6711	**133**
134	3.102 0	0.001 073 6	0.596 87	0.597 94	134.59	516.40	650.98	0.4005	1.2683	1.6688	**134**
135	3.193 8	0.001 074 7	0.580 73	0.581 80	135.61	515.69	651.30	0.4030	1.2635	1.6665	**135**
136	3.287 7	0.001 075 7	0.565 11	0.566 18	136.63	514.99	651.62	0.4055	1.2587	1.6642	**136**
137	3.383 9	0.001 076 7	0.549 99	0.551 06	137.65	514.28	651.94	0.4080	1.2539	1.6619	**137**
138	3.482 4	0.001 077 7	0.535 35	0.536 42	138.68	513.57	652.25	0.4105	1.2491	1.6596	**138**
139	3.583 2	0.001 078 7	0.521 17	0.522 25	139.70	512.86	652.56	0.4129	1.2443	1.6573	**139**
140	3.686 3	0.001 079 8	0.507 44	0.508 52	140.73	512.14	652.87	0.4154	1.2396	1.6550	**140**
141	3.791 8	0.001 080 8	0.494 14	0.495 22	141.75	511.43	653.18	0.4179	1.2349	1.6528	**141**
142	3.899 7	0.001 081 9	0.481 25	0.482 33	142.78	510.71	653.49	0.4204	1.2302	1.6505	**142**
143	4.010 0	0.001 082 9	0.468 77	0.469 85	143.81	509.98	653.79	0.4228	1.2255	1.6483	**143**
144	4.122 9	0.001 084 0	0.456 66	0.457 75	144.83	509.26	654.09	0.4253	1.2208	1.6461	**144**
145	4.238 3	0.001 085 0	0.444 93	0.446 02	145.86	508.53	654.39	0.4277	1.2161	1.6439	**145**
146	4.356 3	0.001 086 1	0.433 56	0.434 65	146.89	507.80	654.69	0.4302	1.2115	1.6417	**146**
147	4.476 9	0.001 087 2	0.422 54	0.423 62	147.92	507.06	654.98	0.4326	1.2069	1.6395	**147**
148	4.600 2	0.001 088 3	0.411 84	0.412 93	148.95	506.32	655.27	0.4351	1.2022	1.6373	**148**
149	4.726 1	0.001 089 4	0.401 47	0.402 56	149.98	505.58	655.56	0.4375	1.1976	1.6352	**149**
150	4.854 9	0.001 090 5	0.391 41	0.392 50	151.01	504.84	655.85	0.4399	1.1931	1.6330	**150**
152	5.120 8	0.001 092 7	0.372 18	0.373 27	153.07	503.35	656.42	0.4448	1.1839	1.6287	**152**
154	5.398 2	0.001 095 0	0.354 07	0.355 16	155.14	501.84	656.98	0.4496	1.1749	1.6245	**154**
156	5.687 5	0.001 097 3	0.337 00	0.338 09	157.21	500.32	657.53	0.4544	1.1658	1.6203	**156**
158	5.989 1	0.001 099 6	0.320 90	0.322 00	159.28	498.79	658.07	0.4592	1.1569	1.6161	**158**
160	6.303 3	0.001 102 0	0.305 72	0.306 82	161.36	497.24	658.60	0.4640	1.1480	1.6120	**160**
162	6.630 4	0.001 104 4	0.291 38	0.292 49	163.44	495.69	659.12	0.4688	1.1391	1.6079	**162**
164	6.971 0	0.001 106 8	0.277 84	0.278 95	165.52	494.11	659.63	0.4735	1.1303	1.6039	**164**
166	7.325 3	0.001 109 3	0.265 05	0.266 16	167.60	492.53	660.13	0.4783	1.1216	1.5998	**166**
168	7.693 7	0.001 111 7	0.252 95	0.254 06	169.69	490.93	660.62	0.4830	1.1128	1.5958	**168**
170	8.076 7	0.001 114 3	0.241 50	0.242 62	171.78	489.32	661.10	0.4877	1.1042	1.5919	**170**
172	8.474 6	0.001 116 8	0.230 67	0.231 78	173.87	487.69	661.57	0.4924	1.0956	1.5880	**172**
174	8.887 9	0.001 119 4	0.220 41	0.221 53	175.97	486.05	662.02	0.4971	1.0870	1.5841	**174**
176	9.317 0	0.001 122 0	0.210 69	0.211 81	178.07	484.40	662.47	0.5017	1.0785	1.5802	**176**
178	9.762 2	0.001 124 7	0.201 47	0.202 60	180.18	482.73	662.90	0.5064	1.0700	1.5764	**178**
180	10.224	0.001 127 4	0.192 73	0.193 86	182.28	481.04	663.33	0.5110	1.0616	1.5726	**180**
182	10.703	0.001 130 1	0.184 44	0.185 57	184.40	479.34	663.74	0.5156	1.0532	1.5688	**182**
184	11.199	0.001 132 9	0.176 57	0.177 70	186.51	477.63	664.14	0.5203	1.0448	1.5650	**184**
186	11.714	0.001 135 7	0.169 09	0.170 23	188.63	475.89	664.52	0.5248	1.0365	1.5613	**186**
188	12.246	0.001 138 6	0.161 99	0.163 13	190.76	474.14	664.90	0.5294	1.0282	1.5576	**188**
190	12.798	0.001 141 4	0.155 24	0.156 38	192.88	472.38	665.26	0.5340	1.0199	1.5539	**190**
192	13.368	0.001 144 4	0.148 81	0.149 96	195.02	470.59	665.61	0.5386	1.0117	1.5503	**192**
194	13.959	0.001 147 3	0.142 70	0.143 85	197.15	468.79	665.94	0.5431	1.0035	1.5466	**194**
196	14.569	0.001 150 4	0.136 88	0.138 03	199.29	466.97	666.27	0.5477	0.9954	1.5430	**196**
198	15.201	0.001 153 4	0.131 34	0.132 50	201.44	465.14	666.58	0.5522	0.9872	1.5394	**198**
200	15.853	0.001 156 5	0.126 07	0.127 22	203.59	463.28	666.87	0.5567	0.9791	1.5358	**200**

표 ESStb-M1, 포화 수 및 증기 성질 (온도 기준) - 4/5

온도	압력	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	온도
oC	kg/cm2 a	vl	dv	vv	hl	dh	hv	sl	ds	sv	oC
202	16.527 4	0.001 160	0.121 04	0.122 20	205.75	461.41	667.15	0.5612	0.9711	1.5323	**202**
204	17.223 6	0.001 163	0.116 24	0.117 40	207.91	459.51	667.42	0.5657	0.9630	1.5288	**204**
206	17.942 4	0.001 166	0.111 66	0.112 83	210.07	457.60	667.67	0.5702	0.9550	1.5252	**206**
208	18.684 4	0.001 169	0.107 30	0.108 47	212.24	455.67	667.91	0.5747	0.9470	1.5217	**208**
210	19.450 0	0.001 173	0.103 13	0.104 30	214.42	453.72	668.14	0.5791	0.9391	1.5182	**210**
212	20.239 7	0.001 176	0.099 15	0.100 32	216.60	451.74	668.34	0.5836	0.9311	1.5148	**212**
214	21.054 0	0.001 180	0.095 345	0.096 525	218.79	449.75	668.54	0.5881	0.9232	1.5113	**214**
216	21.893 5	0.001 183	0.091 710	0.092 893	220.98	447.73	668.71	0.5925	0.9153	1.5078	**216**
218	22.758 7	0.001 187	0.088 235	0.089 421	223.18	445.70	668.87	0.5969	0.9075	1.5044	**218**
220	23.650 2	0.001 190	0.084 911	0.086 101	225.38	443.63	669.02	0.6014	0.8996	1.5010	**220**
222	24.568 3	0.001 194	0.081 730	0.082 924	227.60	441.55	669.15	0.6058	0.8918	1.4975	**222**
224	25.513 8	0.001 198	0.078 685	0.079 883	229.81	439.44	669.26	0.6102	0.8839	1.4941	**224**
226	26.487 1	0.001 201	0.075 770	0.076 971	232.04	437.31	669.35	0.6146	0.8761	1.4907	**226**
228	27.488 7	0.001 205	0.072 977	0.074 182	234.27	435.16	669.43	0.6190	0.8683	1.4873	**228**
230	28.519 3	0.001 209	0.070 301	0.071 510	236.51	432.98	669.49	0.6234	0.8605	1.4840	**230**
232	29.579 5	0.001 213	0.067 736	0.068 949	238.75	430.77	669.53	0.6278	0.8528	1.4806	**232**
234	30.669 6	0.001 217	0.065 277	0.066 494	241.01	428.54	669.55	0.6322	0.8450	1.4772	**234**
236	31.790 5	0.001 221	0.062 917	0.064 138	243.26	426.29	669.55	0.6366	0.8373	1.4738	**236**
238	32.942 5	0.001 225	0.060 654	0.061 879	245.53	424.00	669.54	0.6410	0.8295	1.4705	**238**
240	34.126 4	0.001 229	0.058 481	0.059 710	247.81	421.69	669.50	0.6453	0.8218	1.4671	**240**
242	35.342 6	0.001 234	0.056 394	0.057 628	250.09	419.35	669.44	0.6497	0.8140	1.4638	**242**
244	36.591 8	0.001 238	0.054 390	0.055 628	252.38	416.98	669.37	0.6541	0.8063	1.4604	**244**
246	37.874 6	0.001 243	0.052 465	0.053 707	254.68	414.59	669.27	0.6585	0.7986	1.4570	**246**
248	39.191 5	0.001 247	0.050 614	0.051 861	256.99	412.16	669.15	0.6628	0.7909	1.4537	**248**
250	40.543 3	0.001 252	0.048 835	0.050 087	259.31	409.70	669.01	0.6672	0.7831	1.4503	**250**
252	41.930 5	0.001 256	0.047 124	0.048 380	261.64	407.21	668.85	0.6716	0.7754	1.4470	**252**
254	43.353 7	0.001 261	0.045 477	0.046 739	263.98	404.69	668.66	0.6759	0.7677	1.4436	**254**
256	44.813 5	0.001 266	0.043 893	0.045 159	266.32	402.13	668.45	0.6803	0.7600	1.4402	**256**
258	46.310 7	0.001 271	0.042 368	0.043 639	268.68	399.54	668.22	0.6846	0.7522	1.4369	**258**
260	47.845 8	0.001 276	0.040 899	0.042 175	271.05	396.92	667.97	0.6890	0.7445	1.4335	**260**
262	49.419 5	0.001 281	0.039 485	0.040 766	273.43	394.26	667.69	0.6934	0.7367	1.4301	**262**
264	51.032 4	0.001 287	0.038 122	0.039 408	275.82	391.56	667.38	0.6977	0.7290	1.4267	**264**
266	52.685 3	0.001 292	0.036 808	0.038 100	278.22	388.83	667.05	0.7021	0.7212	1.4233	**266**
268	54.378 7	0.001 297	0.035 541	0.036 839	280.63	386.06	666.69	0.7065	0.7134	1.4199	**268**
270	56.113 3	0.001 303	0.034 319	0.035 622	283.05	383.25	666.31	0.7108	0.7056	1.4165	**270**
272	57.889 9	0.001 309	0.033 141	0.034 450	285.49	380.40	665.89	0.7152	0.6978	1.4130	**272**
274	59.709 2	0.001 315	0.032 003	0.033 318	287.94	377.51	665.45	0.7196	0.6900	1.4096	**274**
276	61.571 7	0.001 321	0.030 905	0.032 226	290.41	374.58	664.98	0.7240	0.6821	1.4061	**276**
278	63.478 3	0.001 327	0.029 845	0.031 172	292.88	371.60	664.48	0.7284	0.6742	1.4026	**278**
280	65.429 7	0.001 333	0.028 821	0.030 154	295.37	368.58	663.95	0.7328	0.6663	1.3991	**280**
282	67.426 5	0.001 339	0.027 832	0.029 171	297.88	365.51	663.39	0.7372	0.6584	1.3956	**282**
284	69.469 6	0.001 346	0.026 875	0.028 221	300.40	362.39	662.79	0.7416	0.6504	1.3921	**284**
286	71.559 6	0.001 352	0.025 950	0.027 303	302.94	359.22	662.16	0.7461	0.6424	1.3885	**286**
288	73.697 4	0.001 359	0.025 056	0.026 415	305.49	356.01	661.50	0.7505	0.6344	1.3849	**288**
290	75.883 6	0.001 366	0.024 191	0.025 557	308.06	352.74	660.80	0.7549	0.6264	1.3813	**290**
292	78.119 2	0.001 373	0.023 353	0.024 727	310.65	349.41	660.06	0.7594	0.6183	1.3777	**292**
294	80.404 8	0.001 381	0.022 542	0.023 923	313.26	346.03	659.29	0.7639	0.6101	1.3740	**294**
296	82.741 3	0.001 388	0.021 757	0.023 145	315.88	342.59	658.47	0.7684	0.6019	1.3703	**296**
298	85.129 5	0.001 396	0.020 996	0.022 392	318.53	339.09	657.62	0.7729	0.5937	1.3666	**298**
300	87.570	0.001 404	0.020 259	0.021 663	321.19	335.53	656.72	0.7774	0.5854	1.3628	**300**
302	90.064	0.001 412	0.019 544	0.020 956	323.88	331.90	655.78	0.7819	0.5771	1.3590	**302**
304	92.613	0.001 421	0.018 851	0.020 272	326.59	328.21	654.80	0.7865	0.5687	1.3551	**304**
306	95.216	0.001 430	0.018 178	0.019 608	329.32	324.44	653.77	0.7911	0.5602	1.3513	**306**
308	97.876	0.001 439	0.017 525	0.018 964	332.08	320.61	652.69	0.7956	0.5517	1.3473	**308**
310	100.592	0.001 448	0.016 891	0.018 339	334.86	316.69	651.55	0.8003	0.5431	1.3433	**310**
312	103.37	0.001 457	0.016 275	0.017 732	337.67	312.70	650.37	0.8049	0.5344	1.3393	**312**
314	106.20	0.001 467	0.015 676	0.017 144	340.51	308.62	649.13	0.8096	0.5256	1.3352	**314**
316	109.09	0.001 478	0.015 094	0.016 572	343.38	304.45	647.83	0.8143	0.5168	1.3311	**316**
318	112.05	0.001 488	0.014 528	0.016 016	346.27	300.19	646.47	0.8190	0.5078	1.3268	**318**
320	115.06	0.001 499	0.013 977	0.015 476	349.20	295.84	645.04	0.8238	0.4988	1.3226	**320**

표 ESStb-M1, 포화 수 및 증기 성질 (온도 기준) - 5/5

온도	압력	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	온도
oC	kg/cm2 a	vl	dv	vv	hl	dh	hv	sl	ds	sv	oC
322	118.14	0.001 510	0.013 44	0.014 95	352.17	291.38	643.55	0.8286	0.4896	1.3182	**322**
324	121.29	0.001 522	0.012 92	0.014 44	355.17	286.82	641.99	0.8335	0.4803	1.3138	**324**
326	124.49	0.001 534	0.012 41	0.013 94	358.21	282.14	640.35	0.8384	0.4709	1.3092	**326**
328	127.77	0.001 547	0.011 91	0.013 46	361.29	277.34	638.63	0.8433	0.4613	1.3046	**328**
330	131.11	0.001 561	0.011 42	0.012 98	364.42	272.41	636.82	0.8483	0.4516	1.2999	**330**
332	134.52	0.001 575	0.010 95	0.012 52	367.59	267.34	634.92	0.8533	0.4418	1.2951	**332**
334	138.00	0.001 589	0.010 484	0.012 073	370.81	262.12	632.93	0.8584	0.4317	1.2901	**334**
336	141.56	0.001 604	0.010 029	0.011 634	374.09	256.74	630.83	0.8636	0.4215	1.2851	**336**
338	145.18	0.001 621	0.009 584	0.011 204	377.42	251.19	628.61	0.8688	0.4110	1.2798	**338**
340	148.88	0.001 638	0.009 146	0.010 784	380.83	245.44	626.27	0.8742	0.4003	1.2745	**340**
342	152.66	0.001 655	0.008 717	0.010 372	384.30	239.49	623.80	0.8796	0.3893	1.2689	**342**
344	156.51	0.001 675	0.008 294	0.009 969	387.85	233.32	621.18	0.8851	0.3781	1.2632	**344**
346	160.44	0.001 695	0.007 878	0.009 573	391.49	226.90	618.40	0.8907	0.3665	1.2572	**346**
348	164.45	0.001 717	0.007 467	0.009 184	395.23	220.21	615.44	0.8965	0.3545	1.2510	**348**
350	168.55	0.001 740	0.007 061	0.008 801	399.08	213.23	612.30	0.9024	0.3422	1.2446	**350**
352	172.73	0.001 765	0.006 659	0.008 424	403.06	205.89	608.95	0.9085	0.3293	1.2379	**352**
354	177.00	0.001 793	0.006 258	0.008 051	407.19	198.15	605.34	0.9148	0.3160	1.2308	**354**
356	181.35	0.001 823	0.005 858	0.007 681	411.48	189.96	601.44	0.9214	0.3019	1.2233	**356**
358	185.80	0.001 857	0.005 456	0.007 313	415.98	181.23	597.21	0.9282	0.2871	1.2154	**358**
360	190.34	0.001 895	0.005 050	0.006 945	420.72	171.85	592.57	0.9354	0.2714	1.2068	**360**
361	192.65	0.001 915	0.004 845	0.006 760	423.21	166.87	590.08	0.9392	0.2631	1.2023	**361**
362	194.98	0.001 937	0.004 637	0.006 574	425.77	161.67	587.44	0.9430	0.2545	1.1976	**362**
363	197.34	0.001 961	0.004 425	0.006 387	428.44	156.21	584.65	0.9471	0.2456	1.1926	**363**
364	199.72	0.001 987	0.004 210	0.006 197	431.21	150.46	581.67	0.9512	0.2361	1.1874	**364**
365	202.13	0.002 016	0.003 989	0.006 004	434.12	144.36	578.49	0.9556	0.2262	1.1819	**365**
366	204.56	0.002 047	0.003 761	0.005 808	437.19	137.86	575.05	0.9603	0.2157	1.1759	**366**
367	207.03	0.002 082	0.003 524	0.005 606	440.45	130.86	571.31	0.9652	0.2044	1.1696	**367**
368	209.52	0.002 122	0.003 276	0.005 398	443.96	123.24	567.20	0.9705	0.1922	1.1627	**368**
369	212.03	0.002 167	0.003 012	0.005 179	447.78	114.82	562.60	0.9762	0.1788	1.1550	**369**
370	214.58	0.002 222	0.002 724	0.004 946	452.05	105.30	557.35	0.9826	0.1637	1.1464	**370**
371	217.16	0.002 290	0.002 401	0.004 691	456.97	94.15	551.13	0.9901	0.1462	1.1363	**371**
372	219.78	0.002 382	0.002 017	0.004 398	463.01	80.29	543.30	0.9992	0.1245	1.1237	**372**
373	222.43	0.002 526	0.001 495	0.004 021	471.51	60.53	532.04	1.0122	0.0937	1.1058	**373**
373.5	223.78	0.002 658	0.001 087	0.003 745	478.40	44.47	522.87	1.0227	0.0688	1.0915	**373.5**
373.8	224.59	0.002 814	0.000 659	0.003 473	485.90	27.18	513.08	1.0342	0.0420	1.0762	**373.8**
Tct	224.99	0.003 106	0.000 000	0.003 106	498.60	0.00	498.60	1.0538	0.0000	1.0538	**Tc**

Tct = 373.946 oC

표 ESStb-M2, 포화 수 및 증기 성질 (압력 기준) - 1/5

압력	온도	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	압력
kg/cm2 a	oC	vl	dv	vv	hl	dh	hv	sl	ds	sv	kg/cm2 a
***Pt**	0.010	0.001 000 2	206.00	206.00	0.0001	597.33	597.33	0.0000	2.1868	2.1868	***Pt**
0.007	1.608	0.001 000 1	184.61	184.61	1.6101	596.42	598.03	0.0059	2.1707	2.1766	**0.007**
0.008	3.485	0.001 000 1	162.63	162.63	3.4976	595.36	598.86	0.0127	2.1522	2.1649	**0.008**
0.009	5.164	0.001 000 1	145.43	145.43	5.1850	594.41	599.59	0.0188	2.1357	2.1546	**0.009**
0.010	6.686	0.001 000 1	131.60	131.60	6.7127	593.55	600.26	0.0243	2.1211	2.1453	**0.010**
0.012	9.364	0.001 000 3	110.70	110.70	9.3989	592.03	601.43	0.0338	2.0956	2.1294	**0.012**
0.014	11.674	0.001 000 5	95.656	95.657	11.714	590.73	602.44	0.0420	2.0740	2.1160	**0.014**
0.016	13.710	0.001 000 8	84.290	84.291	13.752	589.57	603.33	0.0491	2.0553	2.1044	**0.016**
0.018	15.533	0.001 001 0	75.394	75.395	15.577	588.54	604.12	0.0555	2.0387	2.0942	**0.018**
0.020	17.187	0.001 001 3	68.238	68.239	17.231	587.61	604.84	0.0612	2.0239	2.0851	**0.020**
0.022	18.701	0.001 001 6	62.353	62.354	18.745	586.75	605.50	0.0664	2.0105	2.0768	**0.022**
0.024	20.099	0.001 001 9	57.427	57.428	20.143	585.96	606.11	0.0712	1.9982	2.0693	**0.024**
0.026	21.399	0.001 002 1	53.240	53.241	21.442	585.23	606.67	0.0756	1.9869	2.0624	**0.026**
0.028	22.614	0.001 002 4	49.638	49.639	22.656	584.54	607.20	0.0797	1.9764	2.0561	**0.028**
0.030	23.755	0.001 002 7	46.504	46.505	23.797	583.90	607.69	0.0835	1.9666	2.0502	**0.030**
0.032	24.832	0.001 003 0	43.753	43.754	24.872	583.29	608.16	0.0872	1.9575	2.0446	**0.032**
0.034	25.852	0.001 003 2	41.317	41.318	25.891	582.71	608.60	0.0906	1.9489	2.0394	**0.034**
0.036	26.820	0.001 003 5	39.146	39.147	26.858	582.16	609.02	0.0938	1.9407	2.0345	**0.036**
0.038	27.743	0.001 003 7	37.197	37.198	27.780	581.64	609.42	0.0969	1.9330	2.0299	**0.038**
0.040	28.624	0.001 004 0	35.439	35.440	28.660	581.14	609.80	0.0998	1.9257	2.0255	**0.040**
0.042	29.468	0.001 004 3	33.843	33.844	29.503	580.66	610.16	0.1026	1.9188	2.0214	**0.042**
0.044	30.278	0.001 004 5	32.390	32.391	30.311	580.20	610.51	0.1052	1.9122	2.0174	**0.044**
0.046	31.056	0.001 004 7	31.059	31.060	31.088	579.76	610.85	0.1078	1.9058	2.0136	**0.046**
0.048	31.806	0.001 005 0	29.836	29.837	31.837	579.33	611.17	0.1103	1.8997	2.0100	**0.048**
0.050	32.528	0.001 005 2	28.709	28.710	32.558	578.92	611.48	0.1126	1.8939	2.0065	**0.050**
0.055	34.231	0.001 005 8	26.241	26.242	34.258	577.95	612.21	0.1182	1.8803	1.9984	**0.055**
0.060	35.805	0.001 006 3	24.174	24.175	35.829	577.06	612.89	0.1233	1.8678	1.9910	**0.060**
0.065	37.268	0.001 006 8	22.417	22.418	37.290	576.22	613.51	0.1280	1.8563	1.9843	**0.065**
0.070	38.638	0.001 007 4	20.905	20.906	38.657	575.44	614.10	0.1324	1.8456	1.9780	**0.070**
0.075	39.925	0.001 007 8	19.590	19.591	39.942	574.71	614.65	0.1365	1.8357	1.9722	**0.075**
0.080	41.140	0.001 008 3	18.434	18.435	41.155	574.01	615.17	0.1404	1.8264	1.9667	**0.080**
0.085	42.292	0.001 008 8	17.411	17.412	42.304	573.35	615.66	0.1440	1.8176	1.9616	**0.085**
0.090	43.386	0.001 009 2	16.499	16.500	43.396	572.73	616.12	0.1475	1.8094	1.9568	**0.090**
0.095	44.429	0.001 009 7	15.681	15.682	44.438	572.13	616.57	0.1507	1.8015	1.9523	**0.095**
0.10	45.426	0.001 010 1	14.942	14.943	45.433	571.56	616.99	0.1539	1.7941	1.9480	**0.10**
0.11	47.298	0.001 010 9	13.660	13.661	47.301	570.48	617.78	0.1597	1.7803	1.9400	**0.11**
0.12	49.028	0.001 011 7	12.587	12.588	49.029	569.48	618.51	0.1651	1.7676	1.9327	**0.12**
0.13	50.640	0.001 012 4	11.674	11.675	50.638	568.56	619.19	0.1701	1.7559	1.9260	**0.13**
0.14	52.148	0.001 013 1	10.888	10.889	52.144	567.68	619.83	0.1747	1.7451	1.9198	**0.14**
0.15	53.566	0.001 013 8	10.205	10.206	53.560	566.86	620.42	0.1791	1.7350	1.9141	**0.15**
0.16	54.906	0.001 014 5	9.6044	9.6054	54.898	566.09	620.99	0.1831	1.7256	1.9087	**0.16**
0.17	56.176	0.001 015 1	9.0727	9.0737	56.167	565.35	621.52	0.1870	1.7167	1.9037	**0.17**
0.18	57.384	0.001 015 7	8.5985	8.5995	57.374	564.65	622.02	0.1907	1.7083	1.8989	**0.18**
0.19	58.536	0.001 016 3	8.1729	8.1739	58.524	563.98	622.50	0.1941	1.7003	1.8945	**0.19**
0.20	59.637	0.001 016 9	7.7886	7.7896	59.625	563.34	622.96	0.1974	1.6928	1.8902	**0.20**
0.22	61.706	0.001 018 0	7.1221	7.1231	61.692	562.13	623.82	0.2036	1.6787	1.8823	**0.22**
0.24	63.621	0.001 019 1	6.5636	6.5647	63.606	561.01	624.61	0.2093	1.6658	1.8752	**0.24**
0.26	65.404	0.001 020 1	6.0888	6.0898	65.389	559.96	625.35	0.2146	1.6540	1.8686	**0.26**
0.28	67.075	0.001 021 0	5.6800	5.6810	67.060	558.98	626.04	0.2195	1.6430	1.8625	**0.28**
0.30	68.647	0.001 022 0	5.3241	5.3251	68.633	558.05	626.68	0.2241	1.6327	1.8568	**0.30**
0.32	70.134	0.001 022 8	5.0115	5.0125	70.120	557.17	627.29	0.2285	1.6230	1.8515	**0.32**
0.34	71.543	0.001 023 7	4.7347	4.7357	71.530	556.33	627.86	0.2326	1.6140	1.8466	**0.34**
0.36	72.884	0.001 024 5	4.4877	4.4887	72.873	555.53	628.41	0.2365	1.6054	1.8419	**0.36**
0.38	74.164	0.001 025 3	4.2660	4.2670	74.154	554.77	628.93	0.2402	1.5973	1.8375	**0.38**
0.40	75.388	0.001 026 1	4.0658	4.0668	75.380	554.04	629.42	0.2437	1.5896	1.8333	**0.40**

* Pt = 0.00623717 kg/cm2 a

표 ESStb-M2, 포화 수 및 증기 성질 (압력 기준) - 2/5

압력	온도	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	압력
kg/cm2 a	oC	vl	dv	vv	hl	dh	hv	sl	ds	sv	kg/cm2 a
0.43	77.034	0.001 027 1	3.8137	3.8147	77.029	553.06	630.08	0.2484	1.5793	1.8277	**0.43**
0.44	77.689	0.001 027 5	3.7185	3.7195	77.685	552.66	630.35	0.2503	1.5753	1.8255	**0.44**
0.46	78.775	0.001 028 2	3.5668	3.5679	78.773	552.01	630.78	0.2534	1.5685	1.8219	**0.46**
0.48	79.821	0.001 028 9	3.4274	3.4285	79.822	551.38	631.20	0.2563	1.5621	1.8184	**0.48**
0.50	80.831	0.001 029 6	3.2989	3.2999	80.834	550.77	631.60	0.2592	1.5559	1.8151	**0.50**
0.55	83.216	0.001 031 2	3.0172	3.0183	83.226	549.33	632.55	0.2659	1.5415	1.8074	**0.55**
0.60	85.426	0.001 032 7	2.7812	2.7822	85.443	547.98	633.43	0.2721	1.5282	1.8004	**0.60**
0.65	87.486	0.001 034 2	2.5804	2.5814	87.512	546.72	634.24	0.2779	1.5160	1.7939	**0.65**
0.70	89.418	0.001 035 5	2.4075	2.4085	89.453	545.54	634.99	0.2833	1.5046	1.7879	**0.70**
0.75	91.239	0.001 036 8	2.2569	2.2579	91.282	544.42	635.70	0.2883	1.4940	1.7823	**0.75**
0.80	92.961	0.001 038 1	2.1246	2.1257	93.014	543.35	636.36	0.2930	1.4841	1.7771	**0.80**
0.85	94.595	0.001 039 3	2.0074	2.0085	94.658	542.34	636.99	0.2975	1.4748	1.7722	**0.85**
0.90	96.152	0.001 040 5	1.9029	1.9039	96.224	541.36	637.59	0.3017	1.4659	1.7677	**0.90**
0.95	97.638	0.001 041 6	1.8090	1.8100	97.721	540.43	638.16	0.3058	1.4575	1.7633	**0.95**
1.0	99.061	0.001 042 7	1.7242	1.7252	99.154	539.54	638.69	0.3096	1.4495	1.7592	**1.0**
1.1	101.738	0.001 044 8	1.5771	1.5781	101.85	537.85	639.70	0.3169	1.4347	1.7515	**1.1**
1.2	104.221	0.001 046 8	1.4537	1.4548	104.36	536.27	640.63	0.3235	1.4211	1.7446	**1.2**
1.3	106.539	0.001 048 7	1.3488	1.3498	106.70	534.79	641.49	0.3297	1.4085	1.7382	**1.3**
1.4	108.714	0.001 050 5	1.2584	1.2594	108.89	533.39	642.28	0.3354	1.3968	1.7322	**1.4**
1.5	110.765	0.001 052 2	1.1797	1.1807	110.97	532.06	643.03	0.3409	1.3859	1.7267	**1.5**
1.6	112.706	0.001 053 9	1.1105	1.1115	112.93	530.79	643.73	0.3460	1.3756	1.7216	**1.6**
1.7	114.551	0.001 055 5	1.0492	1.0503	114.80	529.59	644.39	0.3508	1.3660	1.7167	**1.7**
1.8	116.308	0.001 057 0	0.994 50	0.995 56	116.58	528.43	645.01	0.3554	1.3568	1.7122	**1.8**
1.9	117.987	0.001 058 5	0.945 38	0.946 44	118.28	527.32	645.60	0.3597	1.3482	1.7079	**1.9**
2.0	119.595	0.001 060 0	0.901 01	0.902 07	119.92	526.24	646.16	0.3639	1.3399	1.7038	**2.0**
2.1	121.139	0.001 061 4	0.860 74	0.861 80	121.48	525.21	646.70	0.3678	1.3320	1.6999	**2.1**
2.2	122.624	0.001 062 7	0.824 00	0.825 07	122.99	524.21	647.21	0.3717	1.3245	1.6962	**2.2**
2.3	124.055	0.001 064 1	0.790 36	0.791 43	124.45	523.25	647.69	0.3753	1.3173	1.6926	**2.3**
2.4	125.436	0.001 065 3	0.759 43	0.760 50	125.85	522.31	648.16	0.3788	1.3104	1.6892	**2.4**
2.5	126.771	0.001 066 6	0.730 90	0.731 96	127.21	521.40	648.61	0.3822	1.3037	1.6860	**2.5**
2.6	128.064	0.001 067 8	0.704 49	0.705 55	128.53	520.51	649.04	0.3855	1.2973	1.6829	**2.6**
2.7	129.316	0.001 069 0	0.679 97	0.681 04	129.81	519.65	649.46	0.3887	1.2912	1.6799	**2.7**
2.8	130.532	0.001 070 2	0.657 14	0.658 21	131.05	518.81	649.86	0.3918	1.2852	1.6770	**2.8**
2.9	131.713	0.001 071 4	0.635 84	0.636 91	132.25	517.99	650.24	0.3947	1.2794	1.6742	**2.9**
3.0	132.861	0.001 072 5	0.615 91	0.616 98	133.42	517.19	650.61	0.3976	1.2738	1.6715	**3.0**
3.1	133.978	0.001 073 6	0.597 22	0.598 29	134.56	516.41	650.97	0.4004	1.2684	1.6688	**3.1**
3.2	135.067	0.001 074 7	0.579 66	0.580 74	135.68	515.65	651.32	0.4032	1.2632	1.6663	**3.2**
3.3	136.129	0.001 075 8	0.563 13	0.564 21	136.76	514.90	651.66	0.4058	1.2581	1.6639	**3.3**
3.4	137.165	0.001 076 8	0.547 54	0.548 62	137.82	514.16	651.99	0.4084	1.2531	1.6615	**3.4**
3.5	138.176	0.001 077 9	0.532 82	0.533 89	138.86	513.45	652.31	0.4109	1.2483	1.6592	**3.5**
3.6	139.165	0.001 078 9	0.518 88	0.519 96	139.87	512.74	652.61	0.4134	1.2436	1.6569	**3.6**
3.7	140.131	0.001 079 9	0.505 67	0.506 75	140.86	512.05	652.91	0.4157	1.2390	1.6547	**3.7**
3.8	141.077	0.001 080 9	0.493 13	0.494 21	141.83	511.37	653.20	0.4181	1.2345	1.6526	**3.8**
3.9	142.003	0.001 081 9	0.481 21	0.482 30	142.78	510.70	653.49	0.4204	1.2302	1.6505	**3.9**
4.0	142.910	0.001 082 8	0.469 87	0.470 96	143.71	510.05	653.76	0.4226	1.2259	1.6485	**4.0**
4.2	144.671	0.001 084 7	0.448 76	0.449 84	145.52	508.77	654.29	0.4269	1.2177	1.6446	**4.2**
4.4	146.365	0.001 086 5	0.429 50	0.430 58	147.27	507.53	654.79	0.4311	1.2098	1.6409	**4.4**
4.6	147.999	0.001 088 3	0.411 86	0.412 95	148.95	506.33	655.27	0.4351	1.2022	1.6373	**4.6**
4.8	149.576	0.001 090 0	0.395 64	0.396 73	150.57	505.16	655.73	0.4389	1.1950	1.6339	**4.8**
5.0	151.102	0.001 091 7	0.380 67	0.381 76	152.15	504.02	656.17	0.4426	1.1880	1.6306	**5.0**
5.2	152.580	0.001 093 4	0.366 82	0.367 91	153.67	502.91	656.58	0.4462	1.1813	1.6275	**5.2**
5.4	154.013	0.001 095 0	0.353 96	0.355 05	155.15	501.83	656.98	0.4497	1.1748	1.6245	**5.4**
5.6	155.404	0.001 096 6	0.341 98	0.343 08	156.59	500.77	657.37	0.4530	1.1685	1.6215	**5.6**
5.8	156.756	0.001 098 2	0.330 81	0.331 90	157.99	499.74	657.74	0.4563	1.1624	1.6187	**5.8**
6.0	158.071	0.001 099 7	0.320 35	0.321 45	159.36	498.73	658.09	0.4594	1.1566	1.6160	**6.0**
6.2	159.352	0.001 101 2	0.310 54	0.311 65	160.69	497.74	658.43	0.4625	1.1509	1.6133	**6.2**
6.4	160.600	0.001 102 7	0.301 33	0.302 43	161.98	496.78	658.76	0.4655	1.1453	1.6108	**6.4**
6.6	161.817	0.001 104 2	0.292 66	0.293 76	163.25	495.83	659.07	0.4684	1.1399	1.6083	**6.6**
6.8	163.006	0.001 105 6	0.284 48	0.285 58	164.48	494.90	659.38	0.4712	1.1347	1.6059	**6.8**
7.0	164.167	0.001 107 0	0.276 75	0.277 85	165.69	493.98	659.67	0.4739	1.1296	1.6035	**7.0**

표 ESStb-M2, 포화 수 및 증기 성질 (압력 기준) - 3/5

압력	온도	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	압력
kg/cm2 a	oC	vl	dv	vv	hl	dh	hv	sl	ds	sv	kg/cm2 a
7.2	165.302	0.001 108 4	0.269 43	0.270 54	166.87	493.08	659.96	0.4766	1.1246	1.6012	**7.2**
7.4	166.412	0.001 109 8	0.262 50	0.263 61	168.03	492.20	660.23	0.4793	1.1198	1.5990	**7.4**
7.6	167.499	0.001 111 1	0.255 92	0.257 03	169.17	491.33	660.50	0.4818	1.1150	1.5968	**7.6**
7.8	168.563	0.001 112 4	0.249 66	0.250 77	170.28	490.48	660.76	0.4843	1.1104	1.5947	**7.8**
8.0	169.606	0.001 113 8	0.243 71	0.244 82	171.37	489.64	661.01	0.4868	1.1059	1.5927	**8.0**
8.2	170.628	0.001 115 1	0.238 04	0.239 15	172.44	488.81	661.25	0.4892	1.1015	1.5907	**8.2**
8.4	171.631	0.001 116 3	0.232 62	0.233 74	173.49	488.00	661.48	0.4915	1.0972	1.5887	**8.4**
8.6	172.615	0.001 117 6	0.227 46	0.228 57	174.52	487.19	661.71	0.4938	1.0929	1.5868	**8.6**
8.8	173.581	0.001 118 9	0.222 51	0.223 63	175.53	486.40	661.93	0.4961	1.0888	1.5849	**8.8**
9.0	174.530	0.001 120 1	0.217 78	0.218 90	176.53	485.62	662.14	0.4983	1.0847	1.5831	**9.0**
9.2	175.462	0.001 121 3	0.213 25	0.214 37	177.51	484.85	662.35	0.5005	1.0808	1.5813	**9.2**
9.4	176.379	0.001 122 5	0.208 91	0.210 03	178.47	484.08	662.55	0.5026	1.0769	1.5795	**9.4**
9.6	177.280	0.001 123 7	0.204 73	0.205 86	179.42	483.33	662.75	0.5047	1.0730	1.5778	**9.6**
9.8	178.167	0.001 124 9	0.200 73	0.201 85	180.35	482.59	662.94	0.5068	1.0693	1.5761	**9.8**
10.0	179.039	0.001 126 1	0.196 88	0.198 00	181.27	481.85	663.13	0.5088	1.0656	1.5744	**10.0**
10.5	181.161	0.001 129 0	0.187 87	0.189 00	183.51	480.06	663.57	0.5137	1.0567	1.5704	**10.5**
11.0	183.206	0.001 131 8	0.179 65	0.180 78	185.67	478.31	663.98	0.5184	1.0481	1.5665	**11.0**
11.5	185.178	0.001 134 5	0.172 12	0.173 25	187.76	476.61	664.37	0.5230	1.0399	1.5628	**11.5**
12.0	187.084	0.001 137 2	0.165 20	0.166 33	189.78	474.95	664.73	0.5273	1.0320	1.5593	**12.0**
12.5	188.929	0.001 139 9	0.158 81	0.159 95	191.74	473.32	665.07	0.5316	1.0243	1.5559	**12.5**
13.0	190.717	0.001 142 5	0.152 90	0.154 04	193.65	471.74	665.39	0.5356	1.0170	1.5526	**13.0**
13.5	192.452	0.001 145 0	0.147 40	0.148 55	195.50	470.19	665.69	0.5396	1.0099	1.5495	**13.5**
14.0	194.137	0.001 147 5	0.142 29	0.143 44	197.30	468.67	665.97	0.5434	1.0030	1.5464	**14.0**
14.5	195.776	0.001 150 0	0.137 52	0.138 67	199.05	467.18	666.23	0.5471	0.9963	1.5434	**14.5**
15.0	197.371	0.001 152 4	0.133 06	0.134 21	200.76	465.72	666.48	0.5508	0.9898	1.5406	**15.0**
15.5	198.925	0.001 154 8	0.128 87	0.130 02	202.43	464.28	666.72	0.5543	0.9835	1.5378	**15.5**
16.0	200.441	0.001 157 2	0.124 94	0.126 09	204.07	462.87	666.94	0.5577	0.9774	1.5351	**16.0**
16.5	201.920	0.001 159 5	0.121 23	0.122 39	205.66	461.48	667.14	0.5610	0.9714	1.5324	**16.5**
17.0	203.365	0.001 161 8	0.117 74	0.118 90	207.22	460.12	667.34	0.5643	0.9656	1.5299	**17.0**
17.5	204.777	0.001 164 1	0.114 44	0.115 60	208.75	458.77	667.52	0.5675	0.9599	1.5274	**17.5**
18.0	206.157	0.001 166 3	0.111 31	0.112 48	210.24	457.45	667.69	0.5705	0.9544	1.5250	**18.0**
18.5	207.509	0.001 168 6	0.108 35	0.109 52	211.71	456.15	667.86	0.5736	0.9490	1.5226	**18.5**
19.0	208.832	0.001 170 8	0.105 54	0.106 71	213.15	454.86	668.01	0.5765	0.9437	1.5203	**19.0**
19.5	210.129	0.001 172 9	0.102 87	0.104 04	214.56	453.59	668.15	0.5794	0.9386	1.5180	**19.5**
20	211.399	0.001 175 1	0.100 325	0.101 500	215.94	452.34	668.28	0.5823	0.9335	1.5158	**20**
21	213.869	0.001 179 3	0.095 589	0.096 768	218.64	449.88	668.52	0.5878	0.9237	1.5115	**21**
22	216.249	0.001 183 5	0.091 269	0.092 452	221.25	447.48	668.73	0.5931	0.9143	1.5074	**22**
23	218.547	0.001 187 5	0.087 311	0.088 498	223.78	445.13	668.92	0.5982	0.9053	1.5035	**23**
24	220.769	0.001 191 6	0.083 671	0.084 862	226.23	442.84	669.07	0.6031	0.8966	1.4997	**24**
25	222.920	0.001 195 5	0.080 312	0.081 508	228.62	440.58	669.20	0.6078	0.8882	1.4960	**25**
26	225.006	0.001 199 4	0.077 202	0.078 402	230.93	438.38	669.31	0.6124	0.8800	1.4924	**26**
27	227.031	0.001 203 3	0.074 315	0.075 518	233.19	436.21	669.39	0.6169	0.8721	1.4890	**27**
28	228.999	0.001 207 1	0.071 626	0.072 833	235.39	434.07	669.46	0.6212	0.8644	1.4857	**28**
29	230.914	0.001 210 8	0.069 116	0.070 327	237.53	431.98	669.51	0.6254	0.8570	1.4824	**29**
30	232.778	0.001 214 5	0.066 767	0.067 982	239.63	429.91	669.54	0.6295	0.8497	1.4793	**30**
31	234.595	0.001 218 2	0.064 564	0.065 782	241.68	427.88	669.55	0.6335	0.8427	1.4762	**31**
32	236.368	0.001 221 8	0.062 494	0.063 716	243.68	425.87	669.55	0.6374	0.8358	1.4732	**32**
33	238.098	0.001 225 4	0.060 545	0.061 770	245.64	423.89	669.53	0.6412	0.8291	1.4703	**33**
34	239.789	0.001 229 0	0.058 706	0.059 935	247.57	421.94	669.50	0.6449	0.8226	1.4675	**34**
35	241.442	0.001 232 6	0.056 968	0.058 200	249.45	420.01	669.46	0.6485	0.8162	1.4647	**35**
36	243.059	0.001 236 1	0.055 323	0.056 559	251.30	418.10	669.41	0.6520	0.8099	1.4620	**36**
37	244.642	0.001 239 6	0.053 764	0.055 003	253.12	416.22	669.34	0.6555	0.8038	1.4593	**37**
38	246.193	0.001 243 0	0.052 283	0.053 526	254.91	414.35	669.26	0.6589	0.7978	1.4567	**38**
39	247.712	0.001 246 5	0.050 876	0.052 122	256.66	412.51	669.17	0.6622	0.7920	1.4542	**39**
40	249.202	0.001 249 9	0.049 536	0.050 786	258.39	410.68	669.07	0.6654	0.7862	1.4517	**40**
41	250.664	0.001 253 3	0.048 259	0.049 512	260.08	408.87	668.96	0.6686	0.7806	1.4492	**41**
42	252.099	0.001 256 7	0.047 041	0.048 297	261.75	407.08	668.84	0.6718	0.7750	1.4468	**42**
43	253.508	0.001 260 0	0.045 877	0.047 137	263.40	405.31	668.71	0.6748	0.7696	1.4444	**43**
44	254.892	0.001 263 4	0.044 764	0.046 027	265.02	403.55	668.57	0.6779	0.7642	1.4421	**44**
45	256.252	0.001 266 7	0.043 698	0.044 965	266.62	401.81	668.43	0.6808	0.7590	1.4398	**45**

표 ESStb-M2, 포화 수 및 증기 성질 (압력 기준) - 4/5

압력	온도	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	압력
kg/cm2 a	oC	vl	dv	vv	hl	dh	hv	sl	ds	sv	kg/cm2 a
46	257.589	0.001 270	0.042 677	0.043 947	268.20	400.08	668.27	0.6837	0.7538	1.4376	**46**
47	258.904	0.001 273	0.041 697	0.042 971	269.75	398.36	668.11	0.6866	0.7487	1.4353	**47**
48	260.198	0.001 277	0.040 757	0.042 033	271.28	396.66	667.94	0.6894	0.7437	1.4331	**48**
49	261.472	0.001 280	0.039 853	0.041 133	272.80	394.97	667.76	0.6922	0.7388	1.4310	**49**
50	262.725	0.001 283	0.038 984	0.040 268	274.29	393.29	667.58	0.6950	0.7339	1.4289	**50**
51	263.960	0.001 286	0.038 148	0.039 435	275.77	391.62	667.39	0.6976	0.7291	1.4268	**51**
52	265.177	0.001 290	0.037 343	0.038 633	277.23	389.96	667.19	0.7003	0.7244	1.4247	**52**
53	266.375	0.001 293	0.036 567	0.037 859	278.67	388.31	666.98	0.7029	0.7197	1.4227	**53**
54	267.557	0.001 296	0.035 818	0.037 114	280.09	386.68	666.77	0.7055	0.7151	1.4206	**54**
55	268.722	0.001 299	0.035 095	0.036 394	281.50	385.05	666.56	0.7081	0.7106	1.4186	**55**
56	269.871	0.001 303	0.034 397	0.035 700	282.90	383.43	666.33	0.7106	0.7061	1.4167	**56**
57	271.004	0.001 306	0.033 722	0.035 028	284.28	381.83	666.10	0.7130	0.7017	1.4147	**57**
58	272.122	0.001 309	0.033 070	0.034 379	285.64	380.23	665.87	0.7155	0.6973	1.4128	**58**
59	273.226	0.001 312	0.032 439	0.033 751	286.99	378.63	665.63	0.7179	0.6930	1.4109	**59**
60	274.315	0.001 315	0.031 828	0.033 143	288.33	377.05	665.38	0.7203	0.6887	1.4090	**60**
61	275.391	0.001 319	0.031 236	0.032 554	289.65	375.47	665.13	0.7227	0.6845	1.4072	**61**
62	276.453	0.001 322	0.030 662	0.031 984	290.97	373.91	664.87	0.7250	0.6803	1.4053	**62**
63	277.503	0.001 325	0.030 105	0.031 431	292.27	372.34	664.61	0.7273	0.6762	1.4035	**63**
64	278.539	0.001 328	0.029 566	0.030 894	293.55	370.79	664.34	0.7296	0.6721	1.4017	**64**
65	279.564	0.001 331	0.029 042	0.030 373	294.83	369.24	664.07	0.7318	0.6680	1.3999	**65**
66	280.576	0.001 335	0.028 533	0.029 867	296.09	367.70	663.79	0.7341	0.6640	1.3981	**66**
67	281.577	0.001 338	0.028 038	0.029 376	297.35	366.16	663.51	0.7363	0.6601	1.3963	**67**
68	282.566	0.001 341	0.027 558	0.028 899	298.59	364.63	663.22	0.7385	0.6561	1.3946	**68**
69	283.544	0.001 344	0.027 090	0.028 434	299.83	363.10	662.93	0.7406	0.6523	1.3929	**69**
70	284.512	0.001 347	0.026 635	0.027 983	301.05	361.58	662.63	0.7428	0.6484	1.3911	**70**
71	285.469	0.001 351	0.026 193	0.027 544	302.26	360.07	662.33	0.7449	0.6446	1.3894	**71**
72	286.416	0.001 354	0.025 762	0.027 116	303.47	358.56	662.03	0.7470	0.6408	1.3878	**72**
73	287.353	0.001 357	0.025 342	0.026 699	304.66	357.05	661.72	0.7491	0.6370	1.3861	**73**
74	288.280	0.001 360	0.024 933	0.026 293	305.85	355.55	661.40	0.7511	0.6333	1.3844	**74**
75	289.197	0.001 363	0.024 535	0.025 898	307.03	354.06	661.08	0.7532	0.6296	1.3828	**75**
76	290.105	0.001 367	0.024 146	0.025 512	308.20	352.56	660.76	0.7552	0.6259	1.3811	**76**
77	291.004	0.001 370	0.023 767	0.025 136	309.36	351.07	660.43	0.7572	0.6223	1.3795	**77**
78	291.894	0.001 373	0.023 397	0.024 770	310.51	349.59	660.10	0.7592	0.6187	1.3779	**78**
79	292.776	0.001 376	0.023 035	0.024 412	311.66	348.11	659.77	0.7611	0.6151	1.3762	**79**
80	293.649	0.001 380	0.022 683	0.024 062	312.80	346.63	659.43	0.7631	0.6116	1.3746	**80**
81	294.514	0.001 383	0.022 338	0.023 721	313.93	345.15	659.08	0.7650	0.6080	1.3730	**81**
82	295.370	0.001 386	0.022 002	0.023 388	315.05	343.68	658.74	0.7669	0.6045	1.3715	**82**
83	296.219	0.001 389	0.021 673	0.023 062	316.17	342.21	658.38	0.7689	0.6010	1.3699	**83**
84	297.060	0.001 393	0.021 351	0.022 743	317.28	340.75	658.03	0.7707	0.5976	1.3683	**84**
85	297.893	0.001 396	0.021 036	0.022 432	318.38	339.28	657.67	0.7726	0.5941	1.3668	**85**
86	298.718	0.001 399	0.020 729	0.022 128	319.48	337.82	657.30	0.7745	0.5907	1.3652	**86**
87	299.537	0.001 402	0.020 428	0.021 830	320.57	336.36	656.94	0.7763	0.5873	1.3637	**87**
88	300.348	0.001 406	0.020 133	0.021 539	321.66	334.91	656.56	0.7782	0.5840	1.3621	**88**
89	301.152	0.001 409	0.019 844	0.021 253	322.74	333.45	656.19	0.7800	0.5806	1.3606	**89**
90	301.949	0.001 412	0.019 562	0.020 974	323.81	332.00	655.81	0.7818	0.5773	1.3591	**90**
91	302.739	0.001 416	0.019 285	0.020 701	324.88	330.55	655.43	0.7836	0.5740	1.3576	**91**
92	303.523	0.001 419	0.019 014	0.020 433	325.94	329.10	655.04	0.7854	0.5707	1.3561	**92**
93	304.300	0.001 422	0.018 748	0.020 171	327.00	327.65	654.65	0.7872	0.5674	1.3546	**93**
94	305.071	0.001 426	0.018 488	0.019 914	328.05	326.20	654.25	0.7889	0.5641	1.3531	**94**
95	305.835	0.001 429	0.018 233	0.019 661	329.10	324.76	653.85	0.7907	0.5609	1.3516	**95**
96	306.594	0.001 432	0.017 982	0.019 414	330.14	323.31	653.45	0.7924	0.5577	1.3501	**96**
97	307.346	0.001 436	0.017 736	0.019 172	331.18	321.87	653.04	0.7941	0.5545	1.3486	**97**
98	308.092	0.001 439	0.017 495	0.018 934	332.21	320.43	652.63	0.7959	0.5513	1.3471	**98**
99	308.833	0.001 442	0.017 259	0.018 701	333.24	318.99	652.22	0.7976	0.5481	1.3457	**99**
100	309.567	0.001 446	0.017 027	0.018 472	334.26	317.54	651.80	0.7993	0.5449	1.3442	**100**
102	311.020	0.001 453	0.016 575	0.018 027	336.29	314.66	650.96	0.8026	0.5387	1.3413	**102**
104	312.451	0.001 460	0.016 139	0.017 598	338.31	311.78	650.09	0.8060	0.5324	1.3384	**104**
106	313.860	0.001 467	0.015 718	0.017 184	340.31	308.91	649.22	0.8093	0.5262	1.3355	**106**
108	315.249	0.001 474	0.015 311	0.016 785	342.30	306.03	648.32	0.8125	0.5201	1.3326	**108**
110	316.618	0.001 481	0.014 918	0.016 398	344.27	303.15	647.41	0.8158	0.5140	1.3298	**110**

표 ESStb-M2, 포화 수 및 증기 성질 (압력 기준) - 5/5

압력	온도	비체적		m3/kg	엔탈피		kcal/kg	엔트로피		kcal/kg-K	압력
kg/cm2 a	oC	vl	dv	vv	hl	dh	hv	sl	ds	sv	kg/cm2 a
112	317.968	0.001 488	0.014 537	0.016 025	346.23	300.26	646.49	0.8190	0.5080	1.3269	**112**
114	319.300	0.001 495	0.014 168	0.015 663	348.17	297.37	645.55	0.8221	0.5019	1.3241	**114**
116	320.613	0.001 502	0.013 811	0.015 313	350.11	294.48	644.59	0.8253	0.4960	1.3212	**116**
118	321.909	0.001 510	0.013 464	0.014 974	352.03	291.59	643.62	0.8284	0.4900	1.3184	**118**
120	323.187	0.001 517	0.013 128	0.014 645	353.95	288.69	642.63	0.8315	0.4841	1.3156	**120**
122	324.449	0.001 525	0.012 801	0.014 326	355.85	285.78	641.63	0.8346	0.4782	1.3128	**122**
124	325.695	0.001 533	0.012 484	0.014 017	357.74	282.86	640.60	0.8376	0.4723	1.3099	**124**
126	326.925	0.001 540	0.012 175	0.013 716	359.63	279.93	639.56	0.8406	0.4665	1.3071	**126**
128	328.140	0.001 548	0.011 875	0.013 423	361.51	277.00	638.50	0.8436	0.4607	1.3043	**128**
130	329.340	0.001 556	0.011 582	0.013 139	363.38	274.05	637.43	0.8466	0.4549	1.3015	**130**
132	330.526	0.001 564	0.011 298	0.012 862	365.25	271.09	636.33	0.8496	0.4491	1.2987	**132**
134	331.697	0.001 572	0.011 020	0.012 592	367.10	268.11	635.22	0.8526	0.4433	1.2958	**134**
136	332.855	0.001 581	0.010 749	0.012 329	368.96	265.13	634.08	0.8555	0.4375	1.2930	**136**
138	333.999	0.001 589	0.010 484	0.012 073	370.81	262.12	632.93	0.8584	0.4317	1.2901	**138**
140	335.130	0.001 598	0.010 226	0.011 824	372.65	259.10	631.75	0.8613	0.4260	1.2873	**140**
142	336.248	0.001 606	0.009 974	0.011 580	374.50	256.06	630.56	0.8642	0.4202	1.2844	**142**
144	337.353	0.001 615	0.009 727	0.011 342	376.34	253.00	629.34	0.8671	0.4144	1.2815	**144**
146	338.446	0.001 624	0.009 485	0.011 110	378.18	249.92	628.10	0.8700	0.4086	1.2787	**146**
148	339.528	0.001 633	0.009 249	0.010 882	380.02	246.82	626.83	0.8729	0.4028	1.2757	**148**
150	340.597	0.001 643	0.009 017	0.010 660	381.86	243.69	625.55	0.8758	0.3970	1.2728	**150**
152	341.655	0.001 652	0.008 790	0.010 443	383.70	240.54	624.23	0.8786	0.3912	1.2699	**152**
154	342.702	0.001 662	0.008 568	0.010 230	385.54	237.35	622.89	0.8815	0.3854	1.2669	**154**
156	343.738	0.001 672	0.008 349	0.010 021	387.38	234.14	621.53	0.8844	0.3796	1.2639	**156**
158	344.763	0.001 682	0.008 135	0.009 817	389.23	230.90	620.14	0.8872	0.3737	1.2609	**158**
160	345.777	0.001 693	0.007 924	0.009 616	391.08	227.63	618.71	0.8901	0.3678	1.2579	**160**
162	346.782	0.001 703	0.007 717	0.009 420	392.94	224.32	617.26	0.8930	0.3618	1.2548	**162**
164	347.775	0.001 714	0.007 513	0.009 227	394.81	220.98	615.79	0.8959	0.3559	1.2517	**164**
166	348.759	0.001 725	0.007 312	0.009 038	396.68	217.60	614.28	0.8987	0.3499	1.2486	**166**
168	349.734	0.001 737	0.007 115	0.008 852	398.56	214.18	612.73	0.9016	0.3438	1.2455	**168**
170	350.698	0.001 749	0.006 921	0.008 670	400.46	210.71	611.17	0.9045	0.3378	1.2423	**170**
172	351.653	0.001 761	0.006 729	0.008 489	402.36	207.19	609.55	0.9075	0.3316	1.2391	**172**
174	352.599	0.001 773	0.006 539	0.008 312	404.28	203.62	607.90	0.9104	0.3254	1.2358	**174**
176	353.536	0.001 786	0.006 351	0.008 138	406.22	199.99	606.20	0.9134	0.3191	1.2325	**176**
178	354.463	0.001 800	0.006 165	0.007 965	408.17	196.30	604.47	0.9163	0.3128	1.2291	**178**
180	355.382	0.001 814	0.005 982	0.007 795	410.14	192.54	602.68	0.9193	0.3063	1.2257	**180**
182	356.293	0.001 828	0.005 799	0.007 627	412.13	188.72	600.85	0.9224	0.2998	1.2222	**182**
184	357.194	0.001 843	0.005 618	0.007 461	414.14	184.82	598.96	0.9254	0.2932	1.2186	**184**
186	358.088	0.001 858	0.005 439	0.007 297	416.18	180.83	597.02	0.9285	0.2865	1.2150	**186**
188	358.973	0.001 875	0.005 260	0.007 134	418.26	176.76	595.01	0.9317	0.2796	1.2113	**188**
190	359.850	0.001 892	0.005 081	0.006 973	420.36	172.58	592.94	0.9349	0.2726	1.2075	**190**
192	360.719	0.001 909	0.004 903	0.006 812	422.50	168.29	590.79	0.9381	0.2655	1.2036	**192**
194	361.580	0.001 928	0.004 724	0.006 652	424.68	163.88	588.57	0.9414	0.2582	1.1996	**194**
196	362.433	0.001 948	0.004 546	0.006 493	426.91	159.34	586.25	0.9448	0.2507	1.1955	**196**
198	363.278	0.001 968	0.004 366	0.006 334	429.20	154.64	583.84	0.9482	0.2430	1.1912	**198**
200	364.116	0.001 990	0.004 184	0.006 175	431.54	149.77	581.31	0.9517	0.2350	1.1868	**200**
202	364.946	0.002 014	0.004 001	0.006 015	433.96	144.70	578.66	0.9554	0.2268	1.1822	**202**
204	365.769	0.002 039	0.003 814	0.005 854	436.47	139.40	575.87	0.9592	0.2182	1.1773	**204**
206	366.585	0.002 067	0.003 624	0.005 691	439.07	133.84	572.91	0.9631	0.2092	1.1723	**206**
208	367.393	0.002 097	0.003 429	0.005 525	441.80	127.95	569.75	0.9672	0.1998	1.1669	**208**
210	368.193	0.002 130	0.003 226	0.005 356	444.67	121.68	566.36	0.9715	0.1897	1.1613	**210**
212	368.987	0.002 167	0.003 015	0.005 182	447.73	114.94	562.67	0.9761	0.1790	1.1551	**212**
214	369.772	0.002 209	0.002 792	0.005 001	451.03	107.58	558.61	0.9811	0.1673	1.1484	**214**
216	370.551	0.002 258	0.002 552	0.004 809	454.66	99.41	554.07	0.9866	0.1544	1.1410	**216**
218	371.322	0.002 316	0.002 286	0.004 603	458.76	90.07	548.83	0.9928	0.1398	1.1325	**218**
220	372.084	0.002 391	0.001 980	0.004 371	463.60	78.93	542.53	1.0001	0.1223	1.1224	**220**
222	372.838	0.002 496	0.001 596	0.004 093	469.84	64.44	534.28	1.0096	0.0998	1.1094	**222**
224	373.582	0.002 690	0.000 995	0.003 684	479.98	40.78	520.77	1.0251	0.0631	1.0882	**224**
224.5	373.766	0.002 788	0.000 725	0.003 514	484.71	29.88	514.60	1.0324	0.0462	1.0786	**224.5**
Pct	373.946	0.003 106	0.000 000	0.003 106	498.60	0.00	498.60	1.0538	0.0000	1.0538	**Pc**

Pct = 224.99 kg/cm2 a