

표 ESStb-S1, 포화 수 및 증기 성질 (온도 기준) - 1/5

온도 oC	압력 bar a	비체적			엔탈피			엔트로피			온도 oC
		vI	dv	vv	hl	dh	hv	sl	ds	sv	
0	*0.006 112	0.001 000 2	206.14	206.14	-0.042	2500.9	2500.9	-0.0002	9.1559	9.1558	0
0.01	0.006 117	0.001 000 2	206.00	206.00	0.001	2500.9	2500.9	0.0000	9.1555	9.1555	0.01
1	0.006 571	0.001 000 1	192.44	192.44	4.177	2498.6	2502.7	0.0153	9.1138	9.1291	1
2	0.007 060	0.001 000 1	179.76	179.76	8.392	2496.2	2504.6	0.0306	9.0721	9.1027	2
3	0.007 581	0.001 000 1	168.01	168.01	12.604	2493.8	2506.4	0.0459	9.0306	9.0765	3
4	0.008 135	0.001 000 1	157.12	157.12	16.813	2491.4	2508.2	0.0611	8.9895	9.0506	4
5	0.008 726	0.001 000 1	147.02	147.02	21.019	2489.1	2510.1	0.0763	8.9486	9.0249	5
6	0.009 354	0.001 000 1	137.64	137.64	25.224	2486.7	2511.9	0.0913	8.9081	8.9994	6
7	0.010 02	0.001 000 1	128.93	128.93	29.426	2484.3	2513.7	0.1064	8.8678	8.9742	7
8	0.010 73	0.001 000 2	120.83	120.83	33.626	2481.9	2515.6	0.1213	8.8278	8.9492	8
9	0.011 48	0.001 000 3	113.31	113.31	37.824	2479.6	2517.4	0.1362	8.7882	8.9244	9
10	0.012 28	0.001 000 3	106.31	106.31	42.021	2477.2	2519.2	0.1511	8.7488	8.8998	10
11	0.013 13	0.001 000 4	99.792	99.793	46.216	2474.8	2521.1	0.1659	8.7096	8.8755	11
12	0.014 03	0.001 000 5	93.723	93.724	50.410	2472.5	2522.9	0.1806	8.6708	8.8514	12
13	0.014 98	0.001 000 7	88.069	88.070	54.602	2470.1	2524.7	0.1953	8.6322	8.8275	13
14	0.015 99	0.001 000 8	82.797	82.798	58.794	2467.7	2526.5	0.2099	8.5939	8.8038	14
15	0.017 06	0.001 000 9	77.880	77.881	62.984	2465.4	2528.4	0.2245	8.5559	8.7804	15
16	0.018 19	0.001 001 1	73.290	73.291	67.173	2463.0	2530.2	0.2390	8.5181	8.7571	16
17	0.019 38	0.001 001 3	69.005	69.006	71.361	2460.6	2532.0	0.2534	8.4806	8.7341	17
18	0.020 65	0.001 001 5	65.002	65.003	75.548	2458.3	2533.8	0.2678	8.4434	8.7112	18
19	0.021 98	0.001 001 6	61.260	61.261	79.734	2455.9	2535.7	0.2822	8.4064	8.6886	19
20	0.023 39	0.001 001 8	57.760	57.761	83.920	2453.5	2537.5	0.2965	8.3696	8.6661	20
21	0.024 88	0.001 002 1	54.486	54.487	88.105	2451.2	2539.3	0.3108	8.3331	8.6439	21
22	0.026 45	0.001 002 3	51.421	51.422	92.289	2448.8	2541.1	0.3250	8.2969	8.6218	22
23	0.028 11	0.001 002 5	48.551	48.552	96.473	2446.4	2542.9	0.3391	8.2609	8.6000	23
24	0.029 86	0.001 002 8	45.862	45.863	100.66	2444.1	2544.7	0.3532	8.2251	8.5783	24
25	0.031 70	0.001 003 0	43.340	43.341	104.84	2441.7	2546.5	0.3673	8.1895	8.5568	25
26	0.033 64	0.001 003 3	40.976	40.977	109.02	2439.3	2548.4	0.3813	8.1542	8.5355	26
27	0.035 68	0.001 003 5	38.757	38.758	113.20	2437.0	2550.2	0.3952	8.1192	8.5144	27
28	0.037 83	0.001 003 8	36.674	36.675	117.38	2434.6	2552.0	0.4091	8.0843	8.4934	28
29	0.040 09	0.001 004 1	34.718	34.719	121.56	2432.2	2553.8	0.4230	8.0497	8.4727	29
30	0.042 47	0.001 004 4	32.881	32.882	125.75	2429.8	2555.6	0.4368	8.0153	8.4521	30
31	0.044 97	0.001 004 7	31.153	31.154	129.93	2427.5	2557.4	0.4506	7.9812	8.4317	31
32	0.047 59	0.001 005 0	29.528	29.529	134.11	2425.1	2559.2	0.4643	7.9472	8.4115	32
33	0.050 35	0.001 005 4	28.000	28.001	138.29	2422.7	2561.0	0.4780	7.9135	8.3914	33
34	0.053 25	0.001 005 7	26.561	26.562	142.47	2420.3	2562.8	0.4916	7.8800	8.3715	34
35	0.056 29	0.001 006 0	25.207	25.208	146.64	2417.9	2564.6	0.5052	7.8467	8.3518	35
36	0.059 47	0.001 006 4	23.931	23.932	150.82	2415.6	2566.4	0.5187	7.8136	8.3323	36
37	0.062 82	0.001 006 8	22.728	22.729	155.00	2413.2	2568.2	0.5322	7.7807	8.3129	37
38	0.066 32	0.001 007 1	21.594	21.595	159.18	2410.8	2570.0	0.5457	7.7480	8.2936	38
39	0.070 00	0.001 007 5	20.525	20.526	163.36	2408.4	2571.8	0.5591	7.7155	8.2746	39
40	0.073 84	0.001 007 9	19.516	19.517	167.54	2406.0	2573.5	0.5724	7.6832	8.2557	40
41	0.077 87	0.001 008 3	18.564	18.565	171.72	2403.6	2575.3	0.5858	7.6512	8.2369	41
42	0.082 09	0.001 008 7	17.664	17.665	175.90	2401.2	2577.1	0.5990	7.6193	8.2183	42
43	0.086 50	0.001 009 1	16.815	16.816	180.08	2398.8	2578.9	0.6123	7.5876	8.1999	43
44	0.091 12	0.001 009 5	16.012	16.013	184.26	2396.4	2580.7	0.6255	7.5561	8.1816	44
45	0.095 94	0.001 009 9	15.252	15.253	188.44	2394.0	2582.5	0.6386	7.5248	8.1634	45
46	0.100 99	0.001 010 3	14.534	14.535	192.62	2391.6	2584.2	0.6517	7.4937	8.1454	46
47	0.106 26	0.001 010 8	13.855	13.856	196.80	2389.2	2586.0	0.6648	7.4628	8.1276	47
48	0.111 76	0.001 011 2	13.212	13.213	200.98	2386.8	2587.8	0.6778	7.4320	8.1099	48
49	0.117 51	0.001 011 7	12.603	12.604	205.16	2384.4	2589.5	0.6908	7.4015	8.0923	49
50	0.123 51	0.001 012 1	12.027	12.028	209.34	2382.0	2591.3	0.7038	7.3711	8.0749	50
51	0.129 77	0.001 012 6	11.481	11.482	213.52	2379.6	2593.1	0.7167	7.3409	8.0576	51
52	0.136 31	0.001 013 1	10.963	10.964	217.70	2377.1	2594.8	0.7296	7.3109	8.0405	52
53	0.143 12	0.001 013 6	10.472	10.473	221.88	2374.7	2596.6	0.7424	7.2811	8.0235	53
54	0.150 22	0.001 014 0	10.006	10.007	226.06	2372.3	2598.4	0.7552	7.2514	8.0066	54
55	0.157 61	0.001 014 5	9.5639	9.5649	230.24	2369.9	2600.1	0.7680	7.2219	7.9899	55

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

표 ESStb-S1, 포화수 및 증기 성질 (온도 기준) - 2/5

온도 oC	압력 bar a	비체적			엔탈피			엔트로피			온도 oC
		vI	dv	vv	hl	dh	hv	sl	ds	sv	
56	0.165 32	0.001 015 0	9.1444	9.1454	234.42	2367.4	2601.9	0.7807	7.1926	7.9733	56
57	0.173 35	0.001 015 5	8.7461	8.7471	238.61	2365.0	2603.6	0.7934	7.1634	7.9568	57
58	0.181 71	0.001 016 1	8.3678	8.3688	242.79	2362.6	2605.4	0.8060	7.1344	7.9405	58
59	0.190 41	0.001 016 6	8.0083	8.0093	246.97	2360.1	2607.1	0.8186	7.1056	7.9243	59
60	0.199 46	0.001 017 1	7.6666	7.6677	251.15	2357.7	2608.8	0.8312	7.0770	7.9082	60
61	0.208 87	0.001 017 6	7.3418	7.3428	255.34	2355.2	2610.6	0.8438	7.0485	7.8922	61
62	0.218 66	0.001 018 2	7.0328	7.0338	259.52	2352.8	2612.3	0.8563	7.0201	7.8764	62
63	0.228 84	0.001 018 7	6.7389	6.7399	263.71	2350.3	2614.1	0.8687	6.9919	7.8607	63
64	0.239 42	0.001 019 3	6.4591	6.4601	267.89	2347.9	2615.8	0.8811	6.9639	7.8451	64
65	0.250 41	0.001 019 9	6.1928	6.1938	272.08	2345.4	2617.5	0.8935	6.9361	7.8296	65
66	0.261 83	0.001 020 4	5.9392	5.9402	276.27	2343.0	2619.2	0.9059	6.9083	7.8142	66
67	0.273 68	0.001 021 0	5.6976	5.6986	280.45	2340.5	2621.0	0.9182	6.8808	7.7990	67
68	0.285 99	0.001 021 6	5.4674	5.4684	284.64	2338.0	2622.7	0.9305	6.8534	7.7839	68
69	0.298 76	0.001 022 2	5.2479	5.2490	288.83	2335.6	2624.4	0.9428	6.8261	7.7689	69
70	0.312 01	0.001 022 8	5.0387	5.0397	293.02	2333.1	2626.1	0.9550	6.7990	7.7540	70
71	0.325 75	0.001 023 4	4.8392	4.8402	297.21	2330.6	2627.8	0.9672	6.7720	7.7392	71
72	0.340 00	0.001 024 0	4.6488	4.6498	301.40	2328.1	2629.5	0.9793	6.7452	7.7245	72
73	0.354 78	0.001 024 6	4.4671	4.4681	305.59	2325.6	2631.2	0.9915	6.7185	7.7100	73
74	0.370 09	0.001 025 2	4.2937	4.2947	309.78	2323.1	2632.9	1.0035	6.6920	7.6955	74
75	0.385 95	0.001 025 8	4.1281	4.1291	313.97	2320.6	2634.6	1.0156	6.6656	7.6812	75
76	0.402 39	0.001 026 5	3.9699	3.9709	318.17	2318.1	2636.3	1.0276	6.6393	7.6669	76
77	0.419 41	0.001 027 1	3.8188	3.8198	322.36	2315.6	2638.0	1.0396	6.6132	7.6528	77
78	0.437 03	0.001 027 7	3.6743	3.6754	326.56	2313.1	2639.7	1.0516	6.5872	7.6388	78
79	0.455 27	0.001 028 4	3.5363	3.5373	330.75	2310.6	2641.3	1.0635	6.5613	7.6248	79
80	0.474 15	0.001 029 0	3.4042	3.4053	334.95	2308.1	2643.0	1.0754	6.5356	7.6110	80
81	0.493 68	0.001 029 7	3.2780	3.2790	339.15	2305.5	2644.7	1.0873	6.5100	7.5973	81
82	0.513 87	0.001 030 4	3.1572	3.1582	343.34	2303.0	2646.4	1.0991	6.4846	7.5837	82
83	0.534 76	0.001 031 0	3.0415	3.0426	347.54	2300.5	2648.0	1.1109	6.4592	7.5701	83
84	0.556 36	0.001 031 7	2.9309	2.9319	351.74	2297.9	2649.7	1.1227	6.4340	7.5567	84
85	0.578 67	0.001 032 4	2.8249	2.8259	355.95	2295.4	2651.3	1.1344	6.4090	7.5434	85
86	0.601 74	0.001 033 1	2.7234	2.7244	360.15	2292.8	2653.0	1.1461	6.3840	7.5301	86
87	0.625 56	0.001 033 8	2.6262	2.6272	364.35	2290.3	2654.6	1.1578	6.3592	7.5170	87
88	0.650 17	0.001 034 5	2.5330	2.5341	368.56	2287.7	2656.3	1.1694	6.3345	7.5039	88
89	0.675 59	0.001 035 2	2.4437	2.4448	372.76	2285.1	2657.9	1.1811	6.3099	7.4909	89
90	0.701 82	0.001 035 9	2.3581	2.3591	376.97	2282.6	2659.5	1.1927	6.2854	7.4781	90
91	0.728 90	0.001 036 7	2.2760	2.2771	381.18	2280.0	2661.2	1.2042	6.2611	7.4653	91
92	0.756 85	0.001 037 4	2.1973	2.1983	385.38	2277.4	2662.8	1.2158	6.2368	7.4526	92
93	0.785 68	0.001 038 1	2.1217	2.1228	389.59	2274.8	2664.4	1.2273	6.2127	7.4400	93
94	0.815 42	0.001 038 9	2.0492	2.0502	393.81	2272.2	2666.0	1.2387	6.1887	7.4275	94
95	0.846 09	0.001 039 6	1.9796	1.9806	398.02	2269.6	2667.6	1.2502	6.1648	7.4150	95
96	0.877 71	0.001 040 4	1.9128	1.9138	402.23	2267.0	2669.2	1.2616	6.1411	7.4027	96
97	0.910 31	0.001 041 1	1.8486	1.8497	406.45	2264.4	2670.8	1.2730	6.1174	7.3904	97
98	0.943 90	0.001 041 9	1.7870	1.7880	410.66	2261.7	2672.4	1.2844	6.0938	7.3782	98
99	0.978 52	0.001 042 7	1.7277	1.7288	414.88	2259.1	2674.0	1.2957	6.0704	7.3661	99
100	1.014 2	0.001 043 5	1.6708	1.6719	419.10	2256.5	2675.6	1.3070	6.0471	7.3541	100
101	1.050 9	0.001 044 2	1.6161	1.6171	423.32	2253.8	2677.1	1.3183	6.0238	7.3421	101
102	1.088 7	0.001 045 0	1.5635	1.5645	427.54	2251.2	2678.7	1.3296	6.0007	7.3303	102
103	1.127 7	0.001 045 8	1.5129	1.5140	431.76	2248.5	2680.3	1.3408	5.9777	7.3185	103
104	1.167 8	0.001 046 6	1.4642	1.4653	435.99	2245.9	2681.8	1.3520	5.9548	7.3068	104
105	1.209 0	0.001 047 4	1.4174	1.4185	440.21	2243.2	2683.4	1.3632	5.9320	7.2951	105
106	1.251 5	0.001 048 3	1.3724	1.3734	444.44	2240.5	2684.9	1.3743	5.9092	7.2836	106
107	1.295 1	0.001 049 1	1.3290	1.3301	448.67	2237.8	2686.5	1.3854	5.8866	7.2721	107
108	1.340 1	0.001 049 9	1.2873	1.2883	452.90	2235.1	2688.0	1.3965	5.8641	7.2607	108
109	1.386 3	0.001 050 7	1.2471	1.2481	457.13	2232.4	2689.5	1.4076	5.8417	7.2493	109
110	1.433 8	0.001 051 6	1.2083	1.2094	461.36	2229.7	2691.1	1.4187	5.8194	7.2380	110
111	1.482 6	0.001 052 4	1.1710	1.1721	465.60	2227.0	2692.6	1.4297	5.7972	7.2268	111
112	1.532 8	0.001 053 3	1.1351	1.1362	469.83	2224.3	2694.1	1.4407	5.7750	7.2157	112
113	1.584 3	0.001 054 1	1.1005	1.1015	474.07	2221.5	2695.6	1.4517	5.7530	7.2047	113
114	1.637 3	0.001 055 0	1.0671	1.0681	478.31	2218.8	2697.1	1.4626	5.7310	7.1937	114
115	1.691 8	0.001 055 9	1.0349	1.0359	482.55	2216.0	2698.6	1.4735	5.7092	7.1827	115

표 ESStb-S1, 포화 수 및 증기 성질 (온도 기준) - 3/5

온도 oC	압력 bar a	비체적			엔탈피			엔트로피			온도 oC
		vl	dv	vv	hl	dh	hv	sl	ds	sv	
116	1.747 7	0.001 056 8	1.0038	1.0049	486.80	2213.3	2700.1	1.4844	5.6874	7.1719	116
117	1.805 1	0.001 057 6	0.973 90	0.974 95	491.04	2210.5	2701.5	1.4953	5.6658	7.1611	117
118	1.864 0	0.001 058 5	0.945 01	0.946 07	495.29	2207.7	2703.0	1.5062	5.6442	7.1504	118
119	1.924 5	0.001 059 4	0.917 14	0.918 20	499.53	2204.9	2704.5	1.5170	5.6227	7.1397	119
120	1.986 7	0.001 060 3	0.890 24	0.891 30	503.78	2202.1	2705.9	1.5278	5.6013	7.1291	120
121	2.050 4	0.001 061 2	0.864 28	0.865 34	508.04	2199.3	2707.4	1.5386	5.5800	7.1186	121
122	2.115 8	0.001 062 2	0.839 21	0.840 28	512.29	2196.5	2708.8	1.5494	5.5587	7.1081	122
123	2.182 9	0.001 063 1	0.815 01	0.816 07	516.55	2193.7	2710.3	1.5601	5.5376	7.0977	123
124	2.251 7	0.001 064 0	0.791 63	0.792 69	520.80	2190.9	2711.7	1.5708	5.5165	7.0873	124
125	2.322 2	0.001 064 9	0.769 05	0.770 11	525.06	2188.0	2713.1	1.5815	5.4955	7.0770	125
126	2.394 6	0.001 065 9	0.747 23	0.748 29	529.32	2185.2	2714.5	1.5922	5.4746	7.0668	126
127	2.468 8	0.001 066 8	0.726 14	0.727 21	533.59	2182.3	2715.9	1.6028	5.4538	7.0566	127
128	2.544 8	0.001 067 8	0.705 76	0.706 83	537.85	2179.5	2717.3	1.6134	5.4330	7.0465	128
129	2.622 7	0.001 068 7	0.686 06	0.687 13	542.12	2176.6	2718.7	1.6240	5.4124	7.0364	129
130	2.702 6	0.001 069 7	0.667 01	0.668 08	546.39	2173.7	2720.1	1.6346	5.3918	7.0264	130
131	2.784 4	0.001 070 7	0.648 59	0.649 66	550.66	2170.8	2721.5	1.6452	5.3713	7.0165	131
132	2.868 2	0.001 071 7	0.630 78	0.631 85	554.93	2167.9	2722.8	1.6557	5.3508	7.0066	132
133	2.954 1	0.001 072 7	0.613 54	0.614 61	559.21	2165.0	2724.2	1.6662	5.3305	6.9967	133
134	3.042 0	0.001 073 6	0.596 87	0.597 94	563.49	2162.0	2725.5	1.6767	5.3102	6.9869	134
135	3.132 0	0.001 074 7	0.580 73	0.581 80	567.77	2159.1	2726.9	1.6872	5.2900	6.9772	135
136	3.224 2	0.001 075 7	0.565 11	0.566 18	572.05	2156.2	2728.2	1.6977	5.2698	6.9675	136
137	3.318 5	0.001 076 7	0.549 99	0.551 06	576.33	2153.2	2729.5	1.7081	5.2498	6.9579	137
138	3.415 1	0.001 077 7	0.535 35	0.536 42	580.62	2150.2	2730.8	1.7185	5.2298	6.9483	138
139	3.513 9	0.001 078 7	0.521 17	0.522 25	584.91	2147.2	2732.1	1.7289	5.2098	6.9388	139
140	3.615 0	0.001 079 8	0.507 44	0.508 52	589.20	2144.2	2733.4	1.7393	5.1900	6.9293	140
141	3.718 5	0.001 080 8	0.494 14	0.495 22	593.49	2141.2	2734.7	1.7496	5.1702	6.9198	141
142	3.824 3	0.001 081 9	0.481 25	0.482 33	597.79	2138.2	2736.0	1.7600	5.1505	6.9105	142
143	3.932 5	0.001 082 9	0.468 77	0.469 85	602.09	2135.2	2737.3	1.7703	5.1308	6.9011	143
144	4.043 2	0.001 084 0	0.456 66	0.457 75	606.39	2132.2	2738.5	1.7806	5.1112	6.8918	144
145	4.156 3	0.001 085 0	0.444 93	0.446 02	610.69	2129.1	2739.8	1.7909	5.0917	6.8826	145
146	4.272 1	0.001 086 1	0.433 56	0.434 65	615.00	2126.0	2741.0	1.8011	5.0723	6.8734	146
147	4.390 3	0.001 087 2	0.422 54	0.423 62	619.31	2123.0	2742.3	1.8114	5.0529	6.8642	147
148	4.511 2	0.001 088 3	0.411 84	0.412 93	623.62	2119.9	2743.5	1.8216	5.0335	6.8551	148
149	4.634 8	0.001 089 4	0.401 47	0.402 56	627.93	2116.8	2744.7	1.8318	5.0143	6.8461	149
150	4.761 0	0.001 090 5	0.391 41	0.392 50	632.25	2113.7	2745.9	1.8420	4.9951	6.8370	150
152	5.021 8	0.001 092 7	0.372 18	0.373 27	640.89	2107.4	2748.3	1.8623	4.9569	6.8191	152
154	5.293 8	0.001 095 0	0.354 07	0.355 16	649.55	2101.1	2750.6	1.8825	4.9189	6.8014	154
156	5.577 6	0.001 097 3	0.337 00	0.338 09	658.21	2094.7	2752.9	1.9027	4.8811	6.7838	156
158	5.873 3	0.001 099 6	0.320 90	0.322 00	666.89	2088.3	2755.2	1.9228	4.8436	6.7664	158
160	6.181 4	0.001 102 0	0.305 72	0.306 82	675.57	2081.9	2757.4	1.9428	4.8063	6.7491	160
162	6.502 2	0.001 104 4	0.291 38	0.292 49	684.28	2075.3	2759.6	1.9627	4.7693	6.7320	162
164	6.836 2	0.001 106 8	0.277 84	0.278 95	692.99	2068.8	2761.7	1.9826	4.7324	6.7150	164
166	7.183 6	0.001 109 3	0.265 05	0.266 16	701.71	2062.1	2763.8	2.0025	4.6957	6.6982	166
168	7.545 0	0.001 111 7	0.252 95	0.254 06	710.45	2055.4	2765.9	2.0222	4.6593	6.6815	168
170	7.920 5	0.001 114 3	0.241 50	0.242 62	719.21	2048.7	2767.9	2.0419	4.6230	6.6649	170
172	8.310 8	0.001 116 8	0.230 67	0.231 78	727.97	2041.9	2769.9	2.0616	4.5870	6.6485	172
174	8.716 1	0.001 119 4	0.220 41	0.221 53	736.75	2035.0	2771.8	2.0811	4.5511	6.6322	174
176	9.136 8	0.001 122 0	0.210 69	0.211 81	745.55	2028.1	2773.6	2.1007	4.5154	6.6161	176
178	9.573 4	0.001 124 7	0.201 47	0.202 60	754.36	2021.1	2775.4	2.1201	4.4799	6.6000	178
180	10.026	0.001 127 4	0.192 73	0.193 86	763.19	2014.0	2777.2	2.1395	4.4445	6.5841	180
182	10.496	0.001 130 1	0.184 44	0.185 57	772.03	2006.9	2778.9	2.1589	4.4094	6.5682	182
184	10.983	0.001 132 9	0.176 57	0.177 70	780.89	1999.7	2780.6	2.1782	4.3743	6.5525	184
186	11.487	0.001 135 7	0.169 09	0.170 23	789.76	1992.5	2782.2	2.1974	4.3395	6.5369	186
188	12.009	0.001 138 6	0.161 99	0.163 13	798.66	1985.1	2783.8	2.2166	4.3048	6.5214	188
190	12.550	0.001 141 4	0.155 24	0.156 38	807.57	1977.7	2785.3	2.2358	4.2702	6.5060	190
192	13.110	0.001 144 4	0.148 81	0.149 96	816.49	1970.3	2786.8	2.2549	4.2358	6.4907	192
194	13.689	0.001 147 3	0.142 70	0.143 85	825.44	1962.7	2788.2	2.2739	4.2015	6.4755	194
196	14.288	0.001 150 4	0.136 88	0.138 03	834.40	1955.1	2789.5	2.2929	4.1674	6.4603	196
198	14.907	0.001 153 4	0.131 34	0.132 50	843.39	1947.4	2790.8	2.3119	4.1334	6.4453	198
200	15.547	0.001 156 5	0.126 07	0.127 22	852.39	1939.7	2792.1	2.3308	4.0995	6.4303	200

표 ESStb-S1, 포화수 및 증기 성질 (온도 기준) - 4/5

온도 oC	압력 bar a	비체적			엔탈피			엔트로피			온도 oC
		vl	dv	vv	hl	dh	hv	sl	ds	sv	
202	16.207 8	0.001 160	0.121 04	0.122 20	861.42	1931.8	2793.2	2.3497	4.0657	6.4154	202
204	16.890 6	0.001 163	0.116 24	0.117 40	870.46	1923.9	2794.4	2.3685	4.0321	6.4006	204
206	17.595 5	0.001 166	0.111 66	0.112 83	879.53	1915.9	2795.4	2.3873	3.9985	6.3858	206
208	18.323 1	0.001 169	0.107 30	0.108 47	888.62	1907.8	2796.4	2.4060	3.9651	6.3711	208
210	19.073 9	0.001 173	0.103 13	0.104 30	897.73	1899.6	2797.4	2.4248	3.9318	6.3565	210
212	19.848 3	0.001 176	0.099 15	0.100 32	906.86	1891.4	2798.2	2.4434	3.8985	6.3420	212
214	20.647 0	0.001 180	0.095 345	0.096 525	916.02	1883.0	2799.0	2.4621	3.8654	6.3275	214
216	21.470 2	0.001 183	0.091 710	0.092 893	925.20	1874.6	2799.8	2.4807	3.8323	6.3130	216
218	22.318 7	0.001 187	0.088 235	0.089 421	934.41	1866.0	2800.4	2.4993	3.7993	6.2986	218
220	23.192 9	0.001 190	0.084 911	0.086 101	943.64	1857.4	2801.1	2.5178	3.7664	6.2842	220
222	24.093 3	0.001 194	0.081 730	0.082 924	952.90	1848.7	2801.6	2.5363	3.7336	6.2699	222
224	25.020 5	0.001 198	0.078 685	0.079 883	962.19	1839.9	2802.1	2.5548	3.7008	6.2557	224
226	25.974 9	0.001 201	0.075 770	0.076 971	971.50	1830.9	2802.4	2.5733	3.6681	6.2414	226
228	26.957 2	0.001 205	0.072 977	0.074 182	980.84	1821.9	2802.8	2.5917	3.6355	6.2272	228
230	27.967 9	0.001 209	0.070 301	0.071 510	990.21	1812.8	2803.0	2.6102	3.6029	6.2131	230
232	29.007 5	0.001 213	0.067 736	0.068 949	999.61	1803.6	2803.2	2.6285	3.5704	6.1989	232
234	30.076 7	0.001 217	0.065 277	0.066 494	1009.0	1794.2	2803.3	2.6469	3.5379	6.1848	234
236	31.175 8	0.001 221	0.062 917	0.064 138	1018.5	1784.8	2803.3	2.6653	3.5054	6.1707	236
238	32.305 6	0.001 225	0.060 654	0.061 879	1028.0	1775.2	2803.2	2.6836	3.4730	6.1566	238
240	33.466 5	0.001 229	0.058 481	0.059 710	1037.5	1765.5	2803.1	2.7019	3.4406	6.1425	240
242	34.659 2	0.001 234	0.056 394	0.057 628	1047.1	1755.7	2802.8	2.7203	3.4082	6.1285	242
244	35.884 3	0.001 238	0.054 390	0.055 628	1056.7	1745.8	2802.5	2.7385	3.3759	6.1144	244
246	37.142 3	0.001 243	0.052 465	0.053 707	1066.3	1735.8	2802.1	2.7568	3.3435	6.1003	246
248	38.433 8	0.001 247	0.050 614	0.051 861	1076.0	1725.6	2801.6	2.7751	3.3112	6.0863	248
250	39.759 4	0.001 252	0.048 835	0.050 087	1085.7	1715.3	2801.0	2.7934	3.2788	6.0722	250
252	41.119 7	0.001 256	0.047 124	0.048 380	1095.4	1704.9	2800.3	2.8117	3.2465	6.0582	252
254	42.515 4	0.001 261	0.045 477	0.046 739	1105.2	1694.3	2799.6	2.8299	3.2141	6.0441	254
256	43.947 1	0.001 266	0.043 893	0.045 159	1115.0	1683.6	2798.7	2.8482	3.1818	6.0300	256
258	45.415 3	0.001 271	0.042 368	0.043 639	1124.9	1672.8	2797.7	2.8664	3.1494	6.0158	258
260	46.920 7	0.001 276	0.040 899	0.042 175	1134.8	1661.8	2796.6	2.8847	3.1170	6.0017	260
262	48.464 0	0.001 281	0.039 485	0.040 766	1144.8	1650.7	2795.5	2.9030	3.0845	5.9875	262
264	50.045 7	0.001 287	0.038 122	0.039 408	1154.8	1639.4	2794.2	2.9213	3.0520	5.9733	264
266	51.666 6	0.001 292	0.036 808	0.038 100	1164.8	1628.0	2792.8	2.9396	3.0195	5.9590	266
268	53.327 3	0.001 297	0.035 541	0.036 839	1174.9	1616.4	2791.3	2.9579	2.9869	5.9448	268
270	55.028 4	0.001 303	0.034 319	0.035 622	1185.1	1604.6	2789.7	2.9762	2.9542	5.9304	270
272	56.770 6	0.001 309	0.033 141	0.034 450	1195.3	1592.7	2788.0	2.9945	2.9215	5.9160	272
274	58.554 7	0.001 315	0.032 003	0.033 318	1205.6	1580.6	2786.1	3.0129	2.8887	5.9016	274
276	60.381 2	0.001 321	0.030 905	0.032 226	1215.9	1568.3	2784.1	3.0312	2.8558	5.8871	276
278	62.251 0	0.001 327	0.029 845	0.031 172	1226.2	1555.8	2782.0	3.0496	2.8228	5.8725	278
280	64.164 6	0.001 333	0.028 821	0.030 154	1236.7	1543.2	2779.8	3.0681	2.7898	5.8578	280
282	66.122 8	0.001 339	0.027 832	0.029 171	1247.2	1530.3	2777.5	3.0865	2.7566	5.8431	282
284	68.126 4	0.001 346	0.026 875	0.028 221	1257.7	1517.3	2775.0	3.1050	2.7232	5.8283	284
286	70.176 0	0.001 352	0.025 950	0.027 303	1268.3	1504.0	2772.3	3.1236	2.6898	5.8134	286
288	72.272 4	0.001 359	0.025 056	0.026 415	1279.0	1490.5	2769.6	3.1421	2.6562	5.7984	288
290	74.416 4	0.001 366	0.024 191	0.025 557	1289.8	1476.8	2766.6	3.1608	2.6225	5.7832	290
292	76.608 7	0.001 373	0.023 353	0.024 727	1300.6	1462.9	2763.6	3.1794	2.5886	5.7680	292
294	78.850 2	0.001 381	0.022 542	0.023 923	1311.5	1448.8	2760.3	3.1982	2.5545	5.7526	294
296	81.141 5	0.001 388	0.021 757	0.023 145	1322.5	1434.4	2756.9	3.2170	2.5202	5.7372	296
298	83.483 5	0.001 396	0.020 996	0.022 392	1333.6	1419.7	2753.3	3.2358	2.4857	5.7215	298
300	85.877	0.001 404	0.020 259	0.021 663	1344.8	1404.8	2749.6	3.2547	2.4510	5.7058	300
302	88.323	0.001 412	0.019 544	0.020 956	1356.0	1389.6	2745.6	3.2737	2.4161	5.6898	302
304	90.822	0.001 421	0.018 851	0.020 272	1367.4	1374.1	2741.5	3.2928	2.3809	5.6737	304
306	93.375	0.001 430	0.018 178	0.019 608	1378.8	1358.4	2737.2	3.3120	2.3455	5.6575	306
308	95.983	0.001 439	0.017 525	0.018 964	1390.4	1342.3	2732.7	3.3312	2.3098	5.6410	308
310	98.647	0.001 448	0.016 891	0.018 339	1402.0	1325.9	2727.9	3.3506	2.2737	5.6243	310
312	101.37	0.001 457	0.016 275	0.017 732	1413.8	1309.2	2723.0	3.3700	2.2374	5.6074	312
314	104.15	0.001 467	0.015 676	0.017 144	1425.6	1292.1	2717.8	3.3896	2.2007	5.5903	314
316	106.98	0.001 478	0.015 094	0.016 572	1437.6	1274.7	2712.3	3.4093	2.1636	5.5729	316
318	109.88	0.001 488	0.014 528	0.016 016	1449.8	1256.8	2706.6	3.4291	2.1261	5.5553	318
320	112.84	0.001 499	0.013 977	0.015 476	1462.1	1238.6	2700.7	3.4491	2.0882	5.5373	320

표 ESStb-S1, 포화 수 및 증기 성질 (온도 기준) - 5/5

온도 oC	압력 bar a	비체적			m3/kg		엔탈피			kJ/kg		엔트로피		온도 oC
		vl	dv	vv	hl	dh	hv	sl	ds	sv				
322	115.86	0.001 510	0.013 44	0.014 95	1474.46	1220.0	2694.4	3.4692	2.0498	5.5191	322			
324	118.94	0.001 522	0.012 92	0.014 44	1487.03	1200.8	2687.9	3.4895	2.0110	5.5005	324			
326	122.09	0.001 534	0.012 41	0.013 94	1499.76	1181.3	2681.0	3.5100	1.9715	5.4816	326			
328	125.30	0.001 547	0.011 91	0.013 46	1512.66	1161.2	2673.8	3.5307	1.9316	5.4622	328			
330	128.58	0.001 561	0.011 42	0.012 98	1525.74	1140.5	2666.2	3.5516	1.8909	5.4425	330			
332	131.92	0.001 575	0.010 95	0.012 52	1539.02	1119.3	2658.3	3.5727	1.8496	5.4223	332			
334	135.33	0.001 589	0.010 484	0.012 073	1552.51	1097.4	2649.9	3.5940	1.8075	5.4016	334			
336	138.82	0.001 604	0.010 029	0.011 634	1566.23	1074.9	2641.1	3.6157	1.7646	5.3803	336			
338	142.37	0.001 621	0.009 584	0.011 204	1580.20	1051.7	2631.9	3.6376	1.7208	5.3584	338			
340	146.00	0.001 638	0.009 146	0.010 784	1594.45	1027.6	2622.1	3.6599	1.6760	5.3359	340			
342	149.70	0.001 655	0.008 717	0.010 372	1608.99	1002.7	2611.7	3.6826	1.6300	5.3127	342			
344	153.48	0.001 675	0.008 294	0.009 969	1623.86	976.87	2600.7	3.7058	1.5829	5.2886	344			
346	157.34	0.001 695	0.007 878	0.009 573	1639.11	950.00	2589.1	3.7294	1.5344	5.2637	346			
348	161.27	0.001 717	0.007 467	0.009 184	1654.75	921.99	2576.7	3.7535	1.4843	5.2378	348			
350	165.29	0.001 740	0.007 061	0.008 801	1670.86	892.73	2563.6	3.7783	1.4326	5.2109	350			
352	169.39	0.001 765	0.006 659	0.008 424	1687.54	862.02	2549.6	3.8039	1.3789	5.1828	352			
354	173.58	0.001 793	0.006 258	0.008 051	1704.8	829.63	2534.4	3.8302	1.3229	5.1531	354			
356	177.85	0.001 823	0.005 858	0.007 681	1722.8	795.33	2518.1	3.8577	1.2641	5.1218	356			
358	182.21	0.001 857	0.005 456	0.007 313	1741.6	758.77	2500.4	3.8863	1.2022	5.0885	358			
360	186.66	0.001 895	0.005 050	0.006 945	1761.5	719.50	2481.0	3.9164	1.1364	5.0527	360			
361	188.93	0.001 915	0.004 845	0.006 760	1771.9	698.65	2470.5	3.9321	1.1017	5.0338	361			
362	191.21	0.001 937	0.004 637	0.006 574	1782.6	676.87	2459.5	3.9483	1.0657	5.0140	362			
363	193.52	0.001 961	0.004 425	0.006 387	1793.8	654.01	2447.8	3.9651	1.0281	4.9932	363			
364	195.86	0.001 987	0.004 210	0.006 197	1805.4	629.93	2435.3	3.9827	0.9887	4.9714	364			
365	198.22	0.002 016	0.003 989	0.006 004	1817.6	604.41	2422.0	4.0011	0.9471	4.9482	365			
366	200.61	0.002 047	0.003 761	0.005 808	1830.4	577.19	2407.6	4.0204	0.9031	4.9235	366			
367	203.02	0.002 082	0.003 524	0.005 606	1844.1	547.89	2392.0	4.0410	0.8559	4.8968	367			
368	205.46	0.002 122	0.003 276	0.005 398	1858.8	515.99	2374.8	4.0631	0.8048	4.8679	368			
369	207.93	0.002 167	0.003 012	0.005 179	1874.8	480.72	2355.5	4.0872	0.7486	4.8358	369			
370	210.43	0.002 222	0.002 724	0.004 946	1892.6	440.86	2333.5	4.1142	0.6855	4.7996	370			
371	212.96	0.002 290	0.002 401	0.004 691	1913.3	394.20	2307.5	4.1453	0.6120	4.7573	371			
372	215.53	0.002 382	0.002 017	0.004 398	1938.5	336.15	2274.7	4.1836	0.5210	4.7046	372			
373	218.13	0.002 526	0.001 495	0.004 021	1974.1	253.42	2227.6	4.2377	0.3922	4.6299	373			
373.5	219.45	0.002 658	0.001 087	0.003 745	2003.0	186.19	2189.1	4.2818	0.2879	4.5697	373.5			
373.9	220.52	0.002 928	0.000 380	0.003 309	2055.9	65.92	2121.8	4.3631	0.1019	4.4650	373.9			
Tct	220.64	0.003 106	0.000 000	0.003 106	2087.5	0.0	2087.5	4.4120	0.0000	4.4120	Tc			

Tct = 373.946 oC

표 ESStb-S2, 포화수 및 증기 성질 (압력 기준) - 1/5

압력 bar a	온도 oC	비체적		m3/kg vv	엔탈피			엔트로피			압력 bar a
		vl	dv		hl	dh	hv	sl	ds	sv	
*Pt	0.010	0.001 000 2	206.00	206.00	0.001	2500.9	2500.9	0.0000	9.1555	9.1555	*Pt
0.007	1.881	0.001 000 1	181.22	181.22	7.890	2496.5	2504.3	0.0288	9.0770	9.1058	0.007
0.008	3.761	0.001 000 1	159.65	159.65	15.809	2492.0	2507.8	0.0575	8.9992	9.0567	0.008
0.009	5.444	0.001 000 1	142.76	142.76	22.888	2488.0	2510.9	0.0830	8.9305	9.0135	0.009
0.010	6.970	0.001 000 1	129.18	129.18	29.298	2484.4	2513.7	0.1059	8.8690	8.9749	0.010
0.012	9.654	0.001 000 3	108.67	108.67	40.569	2478.0	2518.6	0.1460	8.7624	8.9083	0.012
0.014	11.969	0.001 000 5	93.902	93.903	50.282	2472.5	2522.8	0.1802	8.6720	8.8521	0.014
0.016	14.010	0.001 000 8	82.745	82.746	58.836	2467.7	2526.6	0.2101	8.5935	8.8036	0.016
0.018	15.838	0.001 001 1	74.013	74.014	66.494	2463.4	2529.9	0.2366	8.5242	8.7609	0.018
0.020	17.495	0.001 001 4	66.989	66.990	73.435	2459.5	2532.9	0.2606	8.4621	8.7227	0.020
0.022	19.013	0.001 001 6	61.212	61.213	79.790	2455.9	2535.7	0.2824	8.4059	8.6883	0.022
0.024	20.415	0.001 001 9	56.376	56.377	85.656	2452.6	2538.2	0.3024	8.3545	8.6569	0.024
0.026	21.718	0.001 002 2	52.266	52.267	91.108	2449.5	2540.6	0.3210	8.3071	8.6280	0.026
0.028	22.936	0.001 002 5	48.730	48.731	96.204	2446.6	2542.8	0.3382	8.2632	8.6014	0.028
0.030	24.080	0.001 002 8	45.654	45.655	100.99	2443.9	2544.9	0.3543	8.2222	8.5766	0.030
0.032	25.159	0.001 003 0	42.953	42.954	105.51	2441.3	2546.8	0.3695	8.1839	8.5534	0.032
0.034	26.182	0.001 003 3	40.562	40.563	109.78	2438.9	2548.7	0.3838	8.1479	8.5316	0.034
0.036	27.153	0.001 003 6	38.431	38.432	113.84	2436.6	2550.4	0.3973	8.1138	8.5112	0.036
0.038	28.078	0.001 003 8	36.518	36.519	117.71	2434.4	2552.1	0.4102	8.0816	8.4918	0.038
0.040	28.962	0.001 004 1	34.791	34.792	121.40	2432.3	2553.7	0.4224	8.0510	8.4735	0.040
0.042	29.808	0.001 004 4	33.225	33.226	124.94	2430.3	2555.2	0.4341	8.0219	8.4561	0.042
0.044	30.619	0.001 004 6	31.798	31.799	128.33	2428.4	2556.7	0.4453	7.9941	8.4395	0.044
0.046	31.400	0.001 004 8	30.492	30.493	131.60	2426.5	2558.1	0.4560	7.9676	8.4236	0.046
0.048	32.151	0.001 005 1	29.292	29.293	134.74	2424.7	2559.5	0.4663	7.9421	8.4084	0.048
0.050	32.875	0.001 005 3	28.185	28.186	137.77	2423.0	2560.8	0.4763	7.9177	8.3939	0.050
0.055	34.583	0.001 005 9	25.762	25.763	144.90	2418.9	2563.8	0.4995	7.8605	8.3600	0.055
0.060	36.160	0.001 006 4	23.733	23.734	151.49	2415.2	2566.7	0.5209	7.8083	8.3291	0.060
0.065	37.628	0.001 007 0	22.009	22.010	157.63	2411.7	2569.3	0.5407	7.7601	8.3008	0.065
0.070	39.001	0.001 007 5	20.524	20.525	163.37	2408.4	2571.8	0.5591	7.7155	8.2746	0.070
0.075	40.292	0.001 008 0	19.233	19.234	168.76	2405.3	2574.1	0.5763	7.6739	8.2502	0.075
0.080	41.510	0.001 008 5	18.098	18.099	173.85	2402.4	2576.2	0.5925	7.6349	8.2274	0.080
0.085	42.665	0.001 008 9	17.094	17.095	178.68	2399.6	2578.3	0.6078	7.5982	8.2060	0.085
0.090	43.762	0.001 009 4	16.199	16.200	183.26	2397.0	2580.3	0.6223	7.5636	8.1859	0.090
0.095	44.808	0.001 009 8	15.395	15.396	187.63	2394.5	2582.1	0.6361	7.5308	8.1669	0.095
0.10	45.808	0.001 010 3	14.670	14.671	191.81	2392.1	2583.9	0.6492	7.4997	8.1489	0.10
0.11	47.684	0.001 011 1	13.411	13.412	199.66	2387.6	2587.2	0.6737	7.4417	8.1155	0.11
0.12	49.420	0.001 011 9	12.358	12.359	206.91	2383.4	2590.3	0.6963	7.3887	8.0850	0.12
0.13	51.035	0.001 012 6	11.462	11.463	213.66	2379.5	2593.1	0.7172	7.3399	8.0570	0.13
0.14	52.548	0.001 013 3	10.690	10.691	219.99	2375.8	2595.8	0.7366	7.2945	8.0312	0.14
0.15	53.970	0.001 014 0	10.019	10.020	225.94	2372.4	2598.3	0.7548	7.2523	8.0071	0.15
0.16	55.314	0.001 014 7	9.4299	9.4309	231.55	2369.1	2600.7	0.7720	7.2127	7.9847	0.16
0.17	56.588	0.001 015 3	8.9079	8.9089	236.88	2366.0	2602.9	0.7882	7.1754	7.9636	0.17
0.18	57.799	0.001 016 0	8.4423	8.4433	241.95	2363.1	2605.0	0.8035	7.1403	7.9437	0.18
0.19	58.954	0.001 016 6	8.0244	8.0254	246.78	2360.2	2607.0	0.8181	7.1069	7.9250	0.19
0.20	60.059	0.001 017 1	7.6471	7.6482	251.40	2357.5	2608.9	0.8320	7.0753	7.9072	0.20
0.22	62.133	0.001 018 3	6.9927	6.9938	260.08	2352.5	2612.6	0.8579	7.0164	7.8743	0.22
0.24	64.054	0.001 019 3	6.4445	6.4455	268.12	2347.8	2615.9	0.8818	6.9624	7.8442	0.24
0.26	65.843	0.001 020 3	5.9783	5.9793	275.61	2343.4	2619.0	0.9040	6.9127	7.8167	0.26
0.28	67.518	0.001 021 3	5.5769	5.5779	282.62	2339.2	2621.8	0.9246	6.8666	7.7912	0.28
0.30	69.095	0.001 022 2	5.2275	5.2286	289.23	2335.3	2624.6	0.9439	6.8235	7.7675	0.30
0.32	70.586	0.001 023 1	4.9206	4.9216	295.47	2331.6	2627.1	0.9621	6.7832	7.7453	0.32
0.34	72.000	0.001 024 0	4.6488	4.6498	301.40	2328.1	2629.5	0.9793	6.7452	7.7245	0.34
0.36	73.345	0.001 024 8	4.4063	4.4073	307.04	2324.8	2631.8	0.9956	6.7093	7.7050	0.36
0.38	74.629	0.001 025 6	4.1886	4.1897	312.42	2321.6	2634.0	1.0111	6.6754	7.6865	0.38
0.40	75.857	0.001 026 4	3.9921	3.9931	317.57	2318.5	2636.1	1.0259	6.6431	7.6690	0.40

* Pt = 0.00611657 bar a

표 ESStb-S2, 포화수 및 증기 성질 (압력 기준) - 2/5

압력 bar a	온도 oC	비체적			m3/kg			엔탈피			kJ/kg-K	압력 bar a
		vl	dv	vv	hl	dh	hv	sl	ds	sv		
0.42	77.034	0.001 027 1	3.8137	3.8147	322.50	2315.5	2638.0	1.0400	6.6123	7.6523	0.42	
0.44	78.165	0.001 027 8	3.6511	3.6521	327.25	2312.7	2639.9	1.0535	6.5829	7.6365	0.44	
0.46	79.254	0.001 028 6	3.5022	3.5032	331.82	2309.9	2641.8	1.0665	6.5548	7.6213	0.46	
0.48	80.303	0.001 029 2	3.3653	3.3664	336.22	2307.3	2643.5	1.0790	6.5279	7.6068	0.48	
0.50	81.317	0.001 029 9	3.2391	3.2401	340.48	2304.7	2645.2	1.0910	6.5020	7.5930	0.50	
0.55	83.709	0.001 031 5	2.9626	2.9636	350.52	2298.7	2649.2	1.1192	6.4414	7.5606	0.55	
0.60	85.926	0.001 033 1	2.7308	2.7318	359.84	2293.0	2652.9	1.1452	6.3859	7.5311	0.60	
0.65	87.993	0.001 034 5	2.5337	2.5347	368.53	2287.7	2656.2	1.1694	6.3346	7.5040	0.65	
0.70	89.932	0.001 035 9	2.3639	2.3649	376.68	2282.7	2659.4	1.1919	6.2871	7.4790	0.70	
0.75	91.758	0.001 037 2	2.2160	2.2171	384.37	2278.0	2662.4	1.2130	6.2427	7.4557	0.75	
0.80	93.485	0.001 038 5	2.0862	2.0872	391.64	2273.5	2665.2	1.2328	6.2011	7.4339	0.80	
0.85	95.125	0.001 039 7	1.9711	1.9721	398.55	2269.3	2667.8	1.2516	6.1618	7.4135	0.85	
0.90	96.687	0.001 040 9	1.8684	1.8695	405.13	2265.2	2670.3	1.2694	6.1248	7.3942	0.90	
0.95	98.178	0.001 042 0	1.7762	1.7773	411.42	2261.3	2672.7	1.2864	6.0897	7.3760	0.95	
1.0	99.606	0.001 043 1	1.6930	1.6940	417.44	2257.5	2674.9	1.3026	6.0562	7.3588	1.0	
1.1	102.292	0.001 045 3	1.5485	1.5496	428.77	2250.4	2679.2	1.3328	5.9940	7.3268	1.1	
1.2	104.784	0.001 047 3	1.4274	1.4284	439.30	2243.8	2683.1	1.3608	5.9369	7.2976	1.2	
1.3	107.109	0.001 049 2	1.3244	1.3254	449.13	2237.5	2686.6	1.3867	5.8842	7.2708	1.3	
1.4	109.292	0.001 051 0	1.2356	1.2366	458.37	2231.6	2690.0	1.4109	5.8352	7.2460	1.4	
1.5	111.350	0.001 052 7	1.1583	1.1594	467.08	2226.0	2693.1	1.4335	5.7894	7.2229	1.5	
1.6	113.298	0.001 054 4	1.0904	1.0914	475.34	2220.7	2696.0	1.4549	5.7464	7.2014	1.6	
1.7	115.149	0.001 056 0	1.0302	1.0312	483.18	2215.6	2698.8	1.4752	5.7059	7.1811	1.7	
1.8	116.912	0.001 057 6	0.976 48	0.977 53	490.67	2210.7	2701.4	1.4944	5.6677	7.1620	1.8	
1.9	118.597	0.001 059 1	0.928 24	0.929 30	497.82	2206.1	2703.9	1.5127	5.6313	7.1440	1.9	
2.0	120.212	0.001 060 5	0.884 67	0.885 74	504.68	2201.6	2706.2	1.5301	5.5968	7.1269	2.0	
2.1	121.761	0.001 061 9	0.845 13	0.846 19	511.27	2197.2	2708.5	1.5468	5.5638	7.1106	2.1	
2.2	123.251	0.001 063 3	0.809 06	0.810 12	517.62	2193.0	2710.6	1.5628	5.5323	7.0951	2.2	
2.3	124.688	0.001 064 6	0.776 02	0.777 09	523.73	2188.9	2712.7	1.5782	5.5021	7.0802	2.3	
2.4	126.074	0.001 065 9	0.745 65	0.746 72	529.64	2185.0	2714.6	1.5930	5.4731	7.0660	2.4	
2.5	127.414	0.001 067 2	0.717 63	0.718 70	535.35	2181.2	2716.5	1.6072	5.4452	7.0524	2.5	
2.6	128.711	0.001 068 5	0.691 69	0.692 76	540.88	2177.4	2718.3	1.6210	5.4183	7.0393	2.6	
2.7	129.968	0.001 069 7	0.667 62	0.668 69	546.25	2173.8	2720.0	1.6343	5.3924	7.0267	2.7	
2.8	131.188	0.001 070 9	0.645 20	0.646 27	551.46	2170.3	2721.7	1.6472	5.3674	7.0146	2.8	
2.9	132.373	0.001 072 0	0.624 28	0.625 36	556.53	2166.8	2723.3	1.6597	5.3432	7.0029	2.9	
3.0	133.525	0.001 073 2	0.604 71	0.605 79	561.46	2163.4	2724.9	1.6718	5.3198	6.9916	3.0	
3.1	134.647	0.001 074 3	0.586 36	0.587 44	566.26	2160.1	2726.4	1.6835	5.2971	6.9806	3.1	
3.2	135.740	0.001 075 4	0.569 12	0.570 20	570.93	2156.9	2727.9	1.6950	5.2751	6.9700	3.2	
3.3	136.806	0.001 076 5	0.552 89	0.553 97	575.50	2153.8	2729.3	1.7061	5.2537	6.9597	3.3	
3.4	137.845	0.001 077 5	0.537 58	0.538 66	579.96	2150.7	2730.6	1.7169	5.2329	6.9498	3.4	
3.5	138.861	0.001 078 6	0.523 12	0.524 20	584.31	2147.7	2732.0	1.7275	5.2126	6.9401	3.5	
3.6	139.853	0.001 079 6	0.509 43	0.510 51	588.57	2144.7	2733.3	1.7378	5.1929	6.9307	3.6	
3.7	140.823	0.001 080 6	0.496 46	0.497 54	592.74	2141.8	2734.5	1.7478	5.1737	6.9215	3.7	
3.8	141.773	0.001 081 6	0.484 15	0.485 23	596.81	2138.9	2735.7	1.7576	5.1550	6.9126	3.8	
3.9	142.702	0.001 082 6	0.472 44	0.473 53	600.81	2136.1	2736.9	1.7672	5.1367	6.9039	3.9	
4.0	143.613	0.001 083 6	0.461 31	0.462 39	604.72	2133.3	2738.1	1.7766	5.1188	6.8954	4.0	
4.2	145.380	0.001 085 5	0.440 57	0.441 66	612.33	2127.9	2740.3	1.7948	5.0843	6.8791	4.2	
4.4	147.081	0.001 087 3	0.421 66	0.422 75	619.66	2122.7	2742.4	1.8122	5.0513	6.8635	4.4	
4.6	148.721	0.001 089 1	0.404 34	0.405 43	626.73	2117.6	2744.4	1.8289	5.0197	6.8486	4.6	
4.8	150.305	0.001 090 8	0.388 41	0.389 50	633.57	2112.7	2746.3	1.8450	4.9892	6.8343	4.8	
5.0	151.836	0.001 092 6	0.373 71	0.374 80	640.19	2107.9	2748.1	1.8606	4.9600	6.8206	5.0	
5.2	153.320	0.001 094 2	0.360 11	0.361 20	646.60	2103.2	2749.9	1.8756	4.9318	6.8074	5.2	
5.4	154.758	0.001 095 9	0.347 48	0.348 57	652.83	2098.7	2751.5	1.8901	4.9045	6.7947	5.4	
5.6	156.155	0.001 097 5	0.335 72	0.336 82	658.88	2094.2	2753.1	1.9042	4.8782	6.7824	5.6	
5.8	157.512	0.001 099 1	0.324 74	0.325 84	664.77	2089.9	2754.7	1.9179	4.8528	6.7706	5.8	
6.0	158.832	0.001 100 6	0.314 47	0.315 58	670.50	2085.6	2756.1	1.9311	4.8281	6.7592	6.0	
6.2	160.118	0.001 102 1	0.304 85	0.305 95	676.09	2081.5	2757.6	1.9440	4.8041	6.7481	6.2	
6.4	161.371	0.001 103 6	0.295 80	0.296 90	681.54	2077.4	2758.9	1.9565	4.7809	6.7374	6.4	
6.6	162.594	0.001 105 1	0.287 28	0.288 39	686.86	2073.4	2760.2	1.9686	4.7583	6.7269	6.6	
6.8	163.787	0.001 106 5	0.279 25	0.280 35	692.06	2069.5	2761.5	1.9805	4.7363	6.7168	6.8	
7.0	164.953	0.001 108 0	0.271 66	0.272 76	697.14	2065.6	2762.7	1.9921	4.7149	6.7070	7.0	

표 ESStb-S2, 포화수 및 증기 성질 (압력 기준) - 3/5

압력 bar a	온도 oC	비체적			m3/kg			엔탈피			kJ/kg-K	압력 bar a
		vl	dv	vv	hl	dh	hv	sl	ds	sv		
7.2	166.092	0.001 109 4	0.264 47	0.265 58	702.12	2061.8	2763.9	2.0034	4.6940	6.6974	7.2	
7.4	167.207	0.001 110 8	0.257 66	0.258 77	706.99	2058.1	2765.1	2.0144	4.6737	6.6881	7.4	
7.6	168.298	0.001 112 1	0.251 20	0.252 31	711.76	2054.4	2766.2	2.0252	4.6539	6.6790	7.6	
7.8	169.366	0.001 113 5	0.245 06	0.246 17	716.43	2050.8	2767.3	2.0357	4.6345	6.6702	7.8	
8.0	170.414	0.001 114 8	0.239 21	0.240 33	721.02	2047.3	2768.3	2.0460	4.6156	6.6615	8.0	
8.2	171.440	0.001 116 1	0.233 64	0.234 76	725.52	2043.8	2769.3	2.0561	4.5970	6.6531	8.2	
8.4	172.447	0.001 117 4	0.228 33	0.229 44	729.93	2040.4	2770.3	2.0659	4.5789	6.6449	8.4	
8.6	173.435	0.001 118 7	0.223 25	0.224 37	734.27	2037.0	2771.2	2.0756	4.5612	6.6368	8.6	
8.8	174.405	0.001 119 9	0.218 40	0.219 52	738.53	2033.6	2772.1	2.0851	4.5438	6.6289	8.8	
9.0	175.358	0.001 121 2	0.213 75	0.214 87	742.72	2030.3	2773.0	2.0944	4.5268	6.6212	9.0	
9.2	176.294	0.001 122 4	0.209 30	0.210 42	746.85	2027.1	2773.9	2.1035	4.5102	6.6137	9.2	
9.4	177.214	0.001 123 6	0.205 03	0.206 16	750.90	2023.8	2774.7	2.1125	4.4938	6.6063	9.4	
9.6	178.119	0.001 124 9	0.200 94	0.202 06	754.89	2020.7	2775.6	2.1213	4.4778	6.5991	9.6	
9.8	179.010	0.001 126 0	0.197 00	0.198 13	758.82	2017.5	2776.3	2.1299	4.4620	6.5919	9.8	
10.0	179.886	0.001 127 2	0.193 22	0.194 35	762.68	2014.4	2777.1	2.1384	4.4465	6.5850	10.0	
10.5	182.017	0.001 130 1	0.184 37	0.185 50	772.10	2006.8	2779.0	2.1591	4.4091	6.5681	10.5	
11.0	184.070	0.001 133 0	0.176 30	0.177 44	781.20	1999.5	2780.7	2.1789	4.3731	6.5520	11.0	
11.5	186.050	0.001 135 8	0.168 91	0.170 05	789.99	1992.3	2782.3	2.1979	4.3386	6.5365	11.5	
12.0	187.965	0.001 138 5	0.162 11	0.163 25	798.50	1985.3	2783.8	2.2163	4.3054	6.5217	12.0	
12.5	189.817	0.001 141 2	0.155 84	0.156 98	806.75	1978.4	2785.2	2.2340	4.2734	6.5074	12.5	
13.0	191.613	0.001 143 8	0.150 03	0.151 17	814.76	1971.7	2786.5	2.2512	4.2425	6.4936	13.0	
13.5	193.355	0.001 146 4	0.144 64	0.145 79	822.55	1965.2	2787.7	2.2678	4.2126	6.4804	13.5	
14.0	195.047	0.001 148 9	0.139 62	0.140 77	830.13	1958.8	2788.9	2.2839	4.1836	6.4675	14.0	
14.5	196.693	0.001 151 4	0.134 93	0.136 08	837.52	1952.5	2790.0	2.2995	4.1556	6.4551	14.5	
15.0	198.295	0.001 153 9	0.130 55	0.131 70	844.72	1946.3	2791.0	2.3147	4.1284	6.4431	15.0	
15.5	199.856	0.001 156 3	0.126 44	0.127 59	851.74	1940.2	2792.0	2.3294	4.1019	6.4314	15.5	
16.0	201.378	0.001 158 7	0.122 57	0.123 73	858.61	1934.3	2792.9	2.3438	4.0762	6.4200	16.0	
16.5	202.864	0.001 161 0	0.118 94	0.120 10	865.32	1928.4	2793.7	2.3578	4.0512	6.4090	16.5	
17.0	204.315	0.001 163 4	0.115 50	0.116 67	871.89	1922.6	2794.5	2.3715	4.0268	6.3983	17.0	
17.5	205.733	0.001 165 7	0.112 26	0.113 43	878.32	1917.0	2795.3	2.3848	4.0030	6.3878	17.5	
18.0	207.120	0.001 167 9	0.109 19	0.110 36	884.61	1911.4	2796.0	2.3978	3.9798	6.3776	18.0	
18.5	208.477	0.001 170 2	0.106 29	0.107 46	890.79	1905.9	2796.6	2.4105	3.9571	6.3676	18.5	
19.0	209.806	0.001 172 4	0.103 53	0.104 70	896.84	1900.4	2797.3	2.4229	3.9350	6.3579	19.0	
19.5	211.108	0.001 174 6	0.100 90	0.102 08	902.79	1895.1	2797.8	2.4351	3.9133	6.3484	19.5	
20	212.385	0.001 176 8	0.098 404	0.099 581	908.62	1889.8	2798.4	2.4470	3.8921	6.3392	20	
21	214.865	0.001 181 0	0.093 753	0.094 934	919.99	1879.4	2799.4	2.4701	3.8511	6.3212	21	
22	217.256	0.001 185 2	0.089 510	0.090 695	930.98	1869.2	2800.2	2.4924	3.8116	6.3040	22	
23	219.564	0.001 189 4	0.085 623	0.086 812	941.63	1859.3	2800.9	2.5138	3.7736	6.2874	23	
24	221.795	0.001 193 4	0.082 049	0.083 242	951.95	1849.6	2801.5	2.5344	3.7370	6.2714	24	
25	223.956	0.001 197 4	0.078 750	0.079 947	961.98	1840.1	2802.0	2.5544	3.7015	6.2560	25	
26	226.052	0.001 201 4	0.075 696	0.076 897	971.74	1830.7	2802.5	2.5738	3.6673	6.2411	26	
27	228.086	0.001 205 3	0.072 860	0.074 065	981.24	1821.5	2802.8	2.5925	3.6341	6.2266	27	
28	230.063	0.001 209 1	0.070 219	0.071 428	990.50	1812.5	2803.0	2.6107	3.6019	6.2126	28	
29	231.986	0.001 212 9	0.067 754	0.068 967	999.54	1803.6	2803.2	2.6284	3.5706	6.1990	29	
30	233.858	0.001 216 7	0.065 447	0.066 664	1008.4	1794.9	2803.3	2.6456	3.5402	6.1858	30	
31	235.684	0.001 220 4	0.063 284	0.064 504	1017.0	1786.3	2803.3	2.6624	3.5105	6.1729	31	
32	237.464	0.001 224 1	0.061 251	0.062 475	1025.5	1777.8	2803.2	2.6787	3.4817	6.1604	32	
33	239.203	0.001 227 8	0.059 336	0.060 564	1033.7	1769.4	2803.1	2.6946	3.4535	6.1481	33	
34	240.901	0.001 231 4	0.057 530	0.058 761	1041.8	1761.1	2803.0	2.7102	3.4260	6.1362	34	
35	242.562	0.001 235 0	0.055 823	0.057 058	1049.8	1753.0	2802.7	2.7254	3.3991	6.1245	35	
36	244.186	0.001 238 5	0.054 208	0.055 446	1057.6	1744.9	2802.5	2.7403	3.3728	6.1131	36	
37	245.776	0.001 242 1	0.052 676	0.053 918	1065.2	1736.9	2802.1	2.7548	3.3471	6.1019	37	
38	247.334	0.001 245 6	0.051 222	0.052 468	1072.8	1729.0	2801.8	2.7690	3.3219	6.0910	38	
39	248.861	0.001 249 1	0.049 840	0.051 089	1080.2	1721.2	2801.4	2.7830	3.2973	6.0802	39	
40	250.358	0.001 252 6	0.048 524	0.049 777	1087.4	1713.5	2800.9	2.7967	3.2731	6.0697	40	
41	251.826	0.001 256 0	0.047 270	0.048 526	1094.6	1705.8	2800.4	2.8101	3.2493	6.0594	41	
42	253.267	0.001 259 5	0.046 073	0.047 333	1101.6	1698.2	2799.9	2.8232	3.2260	6.0492	42	
43	254.683	0.001 262 9	0.044 930	0.046 193	1108.6	1690.7	2799.3	2.8362	3.2031	6.0393	43	
44	256.073	0.001 266 3	0.043 836	0.045 103	1115.4	1683.2	2798.7	2.8488	3.1806	6.0294	44	
45	257.439	0.001 269 7	0.042 790	0.044 059	1122.1	1675.9	2798.0	2.8613	3.1585	6.0198	45	

표 ESStb-S2, 포화수 및 증기 성질 (압력 기준) - 4/5

압력 bar a	온도 oC	비체적			m3/kg			엔탈피			kJ/kg-K	압력 bar a
		vl	dv	vv	hl	dh	hv	sl	ds	sv		
46	258.783	0.001 273	0.041 787	0.043 060	1128.8	1668.5	2797.3	2.8736	3.1367	6.0103	46	
47	260.104	0.001 276	0.040 825	0.042 101	1135.3	1661.2	2796.6	2.8857	3.1153	6.0010	47	
48	261.404	0.001 280	0.039 901	0.041 181	1141.8	1654.0	2795.8	2.8975	3.0942	5.9917	48	
49	262.683	0.001 283	0.039 013	0.040 296	1148.2	1646.8	2795.0	2.9092	3.0734	5.9827	49	
50	263.943	0.001 286	0.038 160	0.039 446	1154.5	1639.7	2794.2	2.9207	3.0530	5.9737	50	
51	265.183	0.001 290	0.037 338	0.038 628	1160.7	1632.7	2793.4	2.9321	3.0328	5.9649	51	
52	266.405	0.001 293	0.036 547	0.037 840	1166.9	1625.6	2792.5	2.9433	3.0129	5.9562	52	
53	267.610	0.001 296	0.035 785	0.037 081	1173.0	1618.6	2791.6	2.9543	2.9933	5.9475	53	
54	268.797	0.001 300	0.035 049	0.036 349	1179.0	1611.7	2790.7	2.9652	2.9739	5.9390	54	
55	269.967	0.001 303	0.034 339	0.035 642	1184.9	1604.8	2789.7	2.9759	2.9548	5.9307	55	
56	271.121	0.001 306	0.033 654	0.034 960	1190.8	1597.9	2788.7	2.9865	2.9359	5.9224	56	
57	272.260	0.001 309	0.032 991	0.034 300	1196.6	1591.1	2787.7	2.9969	2.9173	5.9141	57	
58	273.383	0.001 313	0.032 350	0.033 663	1202.4	1584.3	2786.7	3.0072	2.8988	5.9060	58	
59	274.492	0.001 316	0.031 730	0.033 046	1208.1	1577.6	2785.6	3.0174	2.8806	5.8980	59	
60	275.586	0.001 319	0.031 129	0.032 449	1213.7	1570.8	2784.6	3.0274	2.8626	5.8901	60	
61	276.667	0.001 323	0.030 548	0.031 870	1219.3	1564.1	2783.5	3.0374	2.8448	5.8822	61	
62	277.734	0.001 326	0.029 984	0.031 310	1224.9	1557.5	2782.3	3.0472	2.8272	5.8744	62	
63	278.788	0.001 329	0.029 437	0.030 766	1230.3	1550.8	2781.2	3.0569	2.8098	5.8667	63	
64	279.830	0.001 332	0.028 907	0.030 239	1235.8	1544.2	2780.0	3.0665	2.7926	5.8591	64	
65	280.859	0.001 336	0.028 392	0.029 728	1241.2	1537.7	2778.8	3.0760	2.7755	5.8515	65	
66	281.876	0.001 339	0.027 892	0.029 231	1246.5	1531.1	2777.6	3.0854	2.7586	5.8440	66	
67	282.881	0.001 342	0.027 406	0.028 748	1251.8	1524.6	2776.4	3.0947	2.7419	5.8366	67	
68	283.875	0.001 345	0.026 934	0.028 279	1257.1	1518.1	2775.1	3.1039	2.7253	5.8292	68	
69	284.858	0.001 349	0.026 475	0.027 823	1262.3	1511.6	2773.9	3.1130	2.7089	5.8219	69	
70	285.830	0.001 352	0.026 028	0.027 380	1267.4	1505.1	2772.6	3.1220	2.6926	5.8146	70	
71	286.791	0.001 355	0.025 593	0.026 948	1272.6	1498.7	2771.3	3.1309	2.6765	5.8074	71	
72	287.743	0.001 358	0.025 169	0.026 528	1277.7	1492.3	2769.9	3.1398	2.6605	5.8003	72	
73	288.684	0.001 362	0.024 757	0.026 119	1282.7	1485.9	2768.6	3.1485	2.6447	5.7932	73	
74	289.615	0.001 365	0.024 355	0.025 720	1287.7	1479.5	2767.2	3.1572	2.6290	5.7862	74	
75	290.537	0.001 368	0.023 963	0.025 331	1292.7	1473.1	2765.8	3.1658	2.6134	5.7792	75	
76	291.449	0.001 371	0.023 581	0.024 952	1297.6	1466.8	2764.4	3.1743	2.5979	5.7722	76	
77	292.352	0.001 375	0.023 208	0.024 583	1302.5	1460.4	2763.0	3.1827	2.5826	5.7653	77	
78	293.247	0.001 378	0.022 845	0.024 223	1307.4	1454.1	2761.5	3.1911	2.5673	5.7584	78	
79	294.132	0.001 381	0.022 490	0.023 871	1312.3	1447.8	2760.1	3.1994	2.5522	5.7516	79	
80	295.009	0.001 385	0.022 143	0.023 528	1317.1	1441.5	2758.6	3.2077	2.5372	5.7448	80	
81	295.878	0.001 388	0.021 804	0.023 192	1321.9	1435.3	2757.1	3.2158	2.5223	5.7381	81	
82	296.738	0.001 391	0.021 473	0.022 865	1326.6	1429.0	2755.6	3.2239	2.5075	5.7314	82	
83	297.591	0.001 395	0.021 150	0.022 545	1331.3	1422.7	2754.1	3.2320	2.4928	5.7247	83	
84	298.435	0.001 398	0.020 834	0.022 232	1336.0	1416.5	2752.5	3.2399	2.4782	5.7181	84	
85	299.272	0.001 401	0.020 525	0.021 926	1340.7	1410.3	2751.0	3.2478	2.4637	5.7115	85	
86	300.102	0.001 405	0.020 222	0.021 627	1345.3	1404.0	2749.4	3.2557	2.4493	5.7050	86	
87	300.924	0.001 408	0.019 926	0.021 334	1350.0	1397.8	2747.8	3.2635	2.4349	5.6984	87	
88	301.738	0.001 411	0.019 636	0.021 048	1354.5	1391.6	2746.2	3.2712	2.4207	5.6919	88	
89	302.546	0.001 415	0.019 353	0.020 767	1359.1	1385.4	2744.5	3.2789	2.4065	5.6855	89	
90	303.347	0.001 418	0.019 075	0.020 493	1363.7	1379.2	2742.9	3.2866	2.3924	5.6790	90	
91	304.141	0.001 422	0.018 803	0.020 224	1368.2	1373.0	2741.2	3.2942	2.3784	5.6726	91	
92	304.928	0.001 425	0.018 536	0.019 961	1372.7	1366.9	2739.5	3.3017	2.3645	5.6662	92	
93	305.709	0.001 428	0.018 275	0.019 703	1377.1	1360.7	2737.8	3.3092	2.3507	5.6598	93	
94	306.483	0.001 432	0.018 019	0.019 450	1381.6	1354.5	2736.1	3.3166	2.3369	5.6535	94	
95	307.251	0.001 435	0.017 767	0.019 203	1386.0	1348.4	2734.4	3.3240	2.3232	5.6472	95	
96	308.013	0.001 439	0.017 521	0.018 960	1390.4	1342.2	2732.6	3.3313	2.3095	5.6409	96	
97	308.768	0.001 442	0.017 279	0.018 721	1394.8	1336.1	2730.9	3.3386	2.2960	5.6346	97	
98	309.518	0.001 446	0.017 042	0.018 488	1399.2	1329.9	2729.1	3.3459	2.2824	5.6283	98	
99	310.262	0.001 449	0.016 809	0.018 259	1403.5	1323.8	2727.3	3.3531	2.2690	5.6221	99	
100	310.999	0.001 453	0.016 581	0.018 034	1407.9	1317.6	2725.5	3.3603	2.2556	5.6159	100	
102	312.458	0.001 460	0.016 136	0.017 596	1416.5	1305.3	2721.8	3.3745	2.2290	5.6035	102	
104	313.895	0.001 467	0.015 707	0.017 174	1425.0	1293.0	2718.0	3.3886	2.2026	5.5912	104	
106	315.311	0.001 474	0.015 293	0.016 767	1433.5	1280.7	2714.2	3.4025	2.1764	5.5789	106	
108	316.706	0.001 481	0.014 893	0.016 374	1441.9	1268.4	2710.3	3.4163	2.1504	5.5667	108	
110	318.081	0.001 489	0.014 505	0.015 994	1450.3	1256.1	2706.4	3.4300	2.1246	5.5545	110	

표 ESStb-S2, 포화수 및 증기 성질 (압력 기준) - 5/5

압력 bar a	온도 oC	비체적			엔탈피			엔트로피			압력 bar a
		vl	dv	vv	hl	dh	hv	sl	ds	sv	
112	319.437	0.001 496	0.014 130	0.015 626	1458.6	1243.8	2702.4	3.4435	2.0989	5.5424	112
114	320.774	0.001 503	0.013 767	0.015 271	1466.8	1231.4	2698.3	3.4569	2.0734	5.5303	114
116	322.093	0.001 511	0.013 415	0.014 926	1475.0	1219.1	2694.1	3.4702	2.0480	5.5182	116
118	323.394	0.001 519	0.013 074	0.014 593	1483.2	1206.7	2689.9	3.4834	2.0228	5.5062	118
120	324.678	0.001 526	0.012 743	0.014 269	1491.3	1194.3	2685.6	3.4965	1.9977	5.4941	120
122	325.946	0.001 534	0.012 421	0.013 955	1499.4	1181.8	2681.2	3.5095	1.9726	5.4821	122
124	327.197	0.001 542	0.012 108	0.013 650	1507.5	1169.3	2676.7	3.5224	1.9477	5.4700	124
126	328.432	0.001 550	0.011 803	0.013 354	1515.5	1156.7	2672.2	3.5352	1.9228	5.4580	126
128	329.652	0.001 558	0.011 507	0.013 065	1523.4	1144.1	2667.6	3.5479	1.8980	5.4459	128
130	330.857	0.001 566	0.011 219	0.012 785	1531.4	1131.5	2662.9	3.5606	1.8733	5.4339	130
132	332.047	0.001 575	0.010 937	0.012 512	1539.3	1118.8	2658.1	3.5732	1.8486	5.4218	132
134	333.223	0.001 583	0.010 663	0.012 247	1547.2	1106.0	2653.2	3.5857	1.8240	5.4097	134
136	334.385	0.001 592	0.010 396	0.011 988	1555.1	1093.1	2648.3	3.5982	1.7993	5.3975	136
138	335.534	0.001 601	0.010 134	0.011 735	1563.0	1080.2	2643.2	3.6106	1.7747	5.3853	138
140	336.669	0.001 610	0.009 879	0.011 489	1570.9	1067.2	2638.1	3.6230	1.7500	5.3730	140
142	337.792	0.001 619	0.009 630	0.011 248	1578.7	1054.1	2632.9	3.6353	1.7254	5.3607	142
144	338.902	0.001 628	0.009 385	0.011 014	1586.6	1040.9	2627.5	3.6477	1.7007	5.3484	144
146	339.999	0.001 638	0.009 147	0.010 784	1594.4	1027.6	2622.1	3.6599	1.6760	5.3359	146
148	341.084	0.001 647	0.008 912	0.010 560	1602.3	1014.2	2616.5	3.6722	1.6512	5.3234	148
150	342.158	0.001 657	0.008 683	0.010 340	1610.2	1000.7	2610.9	3.6844	1.6264	5.3108	150
152	343.220	0.001 667	0.008 458	0.010 125	1618.0	987.07	2605.1	3.6967	1.6014	5.2981	152
154	344.270	0.001 677	0.008 237	0.009 915	1625.9	973.30	2599.2	3.7089	1.5764	5.2853	154
156	345.310	0.001 688	0.008 021	0.009 709	1633.8	959.39	2593.2	3.7212	1.5513	5.2724	156
158	346.339	0.001 699	0.007 808	0.009 506	1641.7	945.34	2587.1	3.7334	1.5260	5.2594	158
160	347.357	0.001 710	0.007 599	0.009 308	1649.7	931.13	2580.8	3.7457	1.5006	5.2463	160
162	348.364	0.001 721	0.007 393	0.009 114	1657.6	916.76	2574.4	3.7580	1.4750	5.2330	162
164	349.361	0.001 732	0.007 190	0.008 923	1665.7	902.22	2567.9	3.7703	1.4493	5.2196	164
166	350.349	0.001 744	0.006 991	0.008 736	1673.8	887.50	2561.2	3.7827	1.4234	5.2061	166
168	351.326	0.001 757	0.006 794	0.008 551	1681.9	872.55	2554.4	3.7952	1.3973	5.1924	168
170	352.293	0.001 769	0.006 600	0.008 369	1690.0	857.38	2547.4	3.8077	1.3708	5.1785	170
172	353.252	0.001 782	0.006 408	0.008 190	1698.3	841.96	2540.2	3.8203	1.3441	5.1644	172
174	354.200	0.001 796	0.006 218	0.008 014	1706.6	826.29	2532.9	3.8329	1.3171	5.1501	174
176	355.140	0.001 810	0.006 030	0.007 840	1715.0	810.34	2525.3	3.8457	1.2898	5.1355	176
178	356.070	0.001 824	0.005 844	0.007 668	1723.4	794.09	2517.5	3.8586	1.2620	5.1206	178
180	356.992	0.001 839	0.005 659	0.007 499	1732.0	777.51	2509.5	3.8717	1.2339	5.1055	180
182	357.905	0.001 855	0.005 476	0.007 331	1740.7	760.57	2501.3	3.8849	1.2052	5.0901	182
184	358.809	0.001 872	0.005 293	0.007 164	1749.5	743.24	2492.8	3.8982	1.1761	5.0743	184
186	359.704	0.001 889	0.005 111	0.006 999	1758.5	725.49	2484.0	3.9118	1.1464	5.0582	186
188	360.592	0.001 907	0.004 929	0.006 836	1767.6	707.27	2474.9	3.9256	1.1160	5.0416	188
190	361.471	0.001 925	0.004 747	0.006 673	1776.9	688.52	2465.4	3.9396	1.0849	5.0246	190
192	362.342	0.001 945	0.004 565	0.006 510	1786.4	669.18	2455.6	3.9540	1.0530	5.0070	192
194	363.205	0.001 966	0.004 381	0.006 348	1796.1	649.19	2445.3	3.9687	1.0202	4.9888	194
196	364.060	0.001 989	0.004 197	0.006 186	1806.1	628.46	2434.6	3.9838	0.9863	4.9700	196
198	364.907	0.002 013	0.004 010	0.006 022	1816.4	606.87	2423.3	3.9993	0.9511	4.9504	198
200	365.746	0.002 039	0.003 820	0.005 858	1827.1	584.29	2411.4	4.0154	0.9145	4.9299	200
202	366.577	0.002 067	0.003 626	0.005 692	1838.2	560.55	2398.8	4.0321	0.8762	4.9083	202
204	367.401	0.002 097	0.003 426	0.005 523	1849.8	535.43	2385.3	4.0496	0.8359	4.8855	204
206	368.218	0.002 131	0.003 220	0.005 351	1862.1	508.63	2370.8	4.0681	0.7930	4.8612	206
208	369.026	0.002 169	0.003 004	0.005 173	1875.2	479.74	2355.0	4.0879	0.7471	4.8349	208
210	369.827	0.002 212	0.002 776	0.004 988	1889.4	448.15	2337.5	4.1093	0.6970	4.8062	210
212	370.621	0.002 262	0.002 529	0.004 791	1905.0	412.91	2317.9	4.1328	0.6414	4.7742	212
214	371.406	0.002 324	0.002 255	0.004 579	1922.8	372.44	2295.2	4.1597	0.5778	4.7375	214
216	372.182	0.002 403	0.001 936	0.004 338	1944.0	323.61	2267.6	4.1918	0.5015	4.6933	216
218	372.950	0.002 517	0.001 527	0.004 044	1971.9	258.69	2230.6	4.2343	0.4004	4.6347	218
220	373.707	0.002 750	0.000 826	0.003 577	2021.9	142.27	2164.2	4.3109	0.2199	4.5308	220
220.5	373.894	0.002 918	0.000 405	0.003 322	2053.9	70.10	2124.0	4.3602	0.1083	4.4685	220.5
Pct	373.946	0.003 106	0.000 000	0.003 106	2087.5	0.00	2087.5	4.4120	0.0000	4.4120	Pc

Pct = 220.64 bar a