

Temperatur [°C]	Druck [bar]		Dichte [kg/m ³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-25,0	0,472	0,446	617,3	1,286	144,02	535,37	0,7857	2,3667
-24,0	0,494	0,467	616,2	1,342	146,21	536,73	0,7945	2,3658
-23,0	0,517	0,489	615,2	1,400	148,40	538,10	0,8032	2,3650
-22,0	0,540	0,511	614,1	1,459	150,59	539,46	0,8120	2,3642
-21,0	0,564	0,534	613,1	1,521	152,79	540,83	0,8207	2,3634
-20,0	0,589	0,559	612,0	1,585	154,99	542,20	0,8294	2,3627
-19,0	0,615	0,583	611,0	1,650	157,20	543,57	0,8381	2,3620
-18,0	0,642	0,609	609,9	1,718	159,41	544,94	0,8467	2,3613
-17,0	0,669	0,636	608,9	1,788	161,62	546,31	0,8554	2,3607
-16,0	0,698	0,664	607,8	1,860	163,84	547,69	0,8640	2,3602
-15,0	0,728	0,692	606,7	1,934	166,07	549,06	0,8726	2,3597
-14,0	0,758	0,722	605,7	2,011	168,30	550,44	0,8812	2,3592
-13,0	0,790	0,752	604,6	2,090	170,53	551,81	0,8898	2,3588
-12,0	0,822	0,784	603,5	2,172	172,77	553,19	0,8984	2,3584
-11,0	0,856	0,816	602,5	2,255	175,01	554,57	0,9069	2,3581
-10,0	0,890	0,850	601,4	2,342	177,26	555,95	0,9155	2,3577
-9,0	0,926	0,884	600,3	2,431	179,51	557,33	0,9240	2,3575
-8,0	0,963	0,920	599,2	2,522	181,77	558,71	0,9325	2,3572
-7,0	1,001	0,957	598,1	2,616	184,03	560,09	0,9410	2,3570
-6,0	1,040	0,995	597,0	2,713	186,30	561,48	0,9494	2,3569
-5,0	1,081	1,034	596,0	2,813	188,57	562,86	0,9579	2,3567
-4,0	1,122	1,075	594,9	2,915	190,85	564,25	0,9664	2,3567
-3,0	1,165	1,116	593,8	3,020	193,13	565,63	0,9748	2,3566
-2,0	1,209	1,159	592,7	3,128	195,41	567,02	0,9832	2,3566
-1,0	1,254	1,203	591,6	3,239	197,70	568,40	0,9916	2,3566
0,0	1,301	1,249	590,5	3,354	200,00	569,79	1,0000	2,3566
1,0	1,349	1,295	589,4	3,471	202,30	571,18	1,0084	2,3567
2,0	1,398	1,343	588,2	3,591	204,61	572,57	1,0167	2,3568
3,0	1,449	1,393	587,1	3,715	206,92	573,96	1,0251	2,3569
4,0	1,501	1,443	586,0	3,842	209,24	575,35	1,0334	2,3571
5,0	1,554	1,496	584,9	3,972	211,56	576,74	1,0418	2,3573
6,0	1,609	1,549	583,8	4,105	213,88	578,13	1,0501	2,3575
7,0	1,666	1,604	582,6	4,242	216,22	579,52	1,0584	2,3577
8,0	1,724	1,661	581,5	4,383	218,56	580,91	1,0667	2,3580
9,0	1,783	1,719	580,4	4,527	220,90	582,30	1,0750	2,3583
10,0	1,844	1,779	579,2	4,674	223,25	583,69	1,0832	2,3587
11,0	1,907	1,840	578,1	4,826	225,60	585,08	1,0915	2,3590
12,0	1,971	1,903	576,9	4,981	227,96	586,47	1,0998	2,3594
13,0	2,037	1,967	575,8	5,140	230,33	587,86	1,1080	2,3598
14,0	2,104	2,034	574,6	5,303	232,70	589,26	1,1162	2,3603
15,0	2,174	2,101	573,5	5,470	235,07	590,65	1,1244	2,3607

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
16,0	2,245	2,171	572,3	5,641	237,45	592,04	1,1327	2,3612
17,0	2,317	2,242	571,1	5,816	239,84	593,43	1,1409	2,3617
18,0	2,392	2,315	570,0	5,995	242,24	594,82	1,1490	2,3622
19,0	2,468	2,390	568,8	6,178	244,63	596,21	1,1572	2,3628
20,0	2,546	2,467	567,6	6,366	247,04	597,60	1,1654	2,3634
21,0	2,626	2,545	566,4	6,558	249,45	598,99	1,1736	2,3640
22,0	2,708	2,626	565,3	6,755	251,87	600,38	1,1817	2,3646
23,0	2,792	2,708	564,1	6,956	254,29	601,77	1,1899	2,3652
24,0	2,878	2,792	562,9	7,162	256,72	603,16	1,1980	2,3659
25,0	2,965	2,878	561,7	7,373	259,15	604,55	1,2061	2,3666
26,0	3,055	2,967	560,5	7,588	261,59	605,94	1,2142	2,3673
27,0	3,147	3,057	559,3	7,809	264,04	607,33	1,2223	2,3680
28,0	3,240	3,149	558,0	8,034	266,49	608,71	1,2304	2,3687
29,0	3,336	3,243	556,8	8,264	268,95	610,10	1,2385	2,3695
30,0	3,434	3,340	555,6	8,499	271,42	611,48	1,2466	2,3702
31,0	3,535	3,439	554,4	8,740	273,89	612,87	1,2547	2,3710
32,0	3,637	3,539	553,1	8,986	276,37	614,25	1,2628	2,3718
33,0	3,741	3,642	551,9	9,238	278,85	615,63	1,2709	2,3727
34,0	3,848	3,748	550,7	9,494	281,34	617,02	1,2789	2,3735
35,0	3,957	3,855	549,4	9,757	283,84	618,40	1,2870	2,3744
36,0	4,069	3,965	548,1	10,03	286,35	619,77	1,2950	2,3752
37,0	4,182	4,077	546,9	10,30	288,86	621,15	1,3031	2,3761
38,0	4,298	4,191	545,6	10,58	291,37	622,53	1,3111	2,3770
39,0	4,417	4,308	544,4	10,87	293,90	623,90	1,3191	2,3779
40,0	4,538	4,428	543,1	11,16	296,43	625,28	1,3271	2,3789
41,0	4,661	4,549	541,8	11,46	298,97	626,65	1,3352	2,3798
42,0	4,787	4,673	540,5	11,76	301,51	628,02	1,3432	2,3808
43,0	4,915	4,800	539,2	12,07	304,06	629,39	1,3512	2,3817
44,0	5,046	4,929	537,9	12,39	306,62	630,76	1,3592	2,3827
45,0	5,179	5,061	536,6	12,71	309,19	632,12	1,3672	2,3837
46,0	5,315	5,196	535,3	13,04	311,76	633,49	1,3752	2,3847
47,0	5,454	5,333	534,0	13,38	314,34	634,85	1,3832	2,3857
48,0	5,595	5,472	532,6	13,73	316,93	636,21	1,3912	2,3867
49,0	5,739	5,615	531,3	14,08	319,52	637,56	1,3991	2,3878
50,0	5,886	5,760	530,0	14,44	322,13	638,92	1,4071	2,3888
51,0	6,035	5,908	528,6	14,80	324,74	640,27	1,4151	2,3899
52,0	6,187	6,059	527,3	15,18	327,35	641,62	1,4231	2,3909
53,0	6,342	6,212	525,9	15,56	329,98	642,97	1,4310	2,3920
54,0	6,500	6,369	524,5	15,95	332,61	644,32	1,4390	2,3931
55,0	6,661	6,528	523,2	16,35	335,25	645,66	1,4470	2,3942

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
56,0	6,825	6,690	521,8	16,76	337,90	647,00	1,4549	2,3953
57,0	6,992	6,855	520,4	17,17	340,55	648,34	1,4629	2,3964
58,0	7,161	7,023	519,0	17,59	343,22	649,67	1,4709	2,3975
59,0	7,334	7,195	517,6	18,02	345,89	651,00	1,4788	2,3986
60,0	7,510	7,369	516,2	18,46	348,57	652,33	1,4868	2,3997
61,0	7,689	7,546	514,7	18,91	351,26	653,65	1,4947	2,4008
62,0	7,871	7,727	513,3	19,37	353,95	654,97	1,5027	2,4020
63,0	8,056	7,910	511,9	19,84	356,66	656,29	1,5106	2,4031
64,0	8,244	8,097	510,4	20,32	359,37	657,60	1,5186	2,4042
65,0	8,436	8,287	509,0	20,80	362,09	658,91	1,5265	2,4054
66,0	8,630	8,481	507,5	21,30	364,82	660,22	1,5345	2,4065
67,0	8,829	8,677	506,0	21,81	367,56	661,52	1,5424	2,4077
68,0	9,030	8,877	504,5	22,33	370,31	662,81	1,5504	2,4088
69,0	9,235	9,081	503,0	22,86	373,07	664,11	1,5583	2,4100
70,0	9,443	9,287	501,5	23,39	375,83	665,39	1,5663	2,4111
71,0	9,654	9,498	500,0	23,94	378,61	666,68	1,5742	2,4123
72,0	9,870	9,711	498,5	24,51	381,39	667,95	1,5822	2,4134
73,0	10,09	9,929	496,9	25,08	384,19	669,23	1,5901	2,4145
74,0	10,31	10,15	495,4	25,66	386,99	670,49	1,5981	2,4157
75,0	10,54	10,37	493,8	26,26	389,81	671,75	1,6061	2,4168
76,0	10,77	10,60	492,2	26,87	392,63	673,01	1,6140	2,4180
77,0	11,00	10,83	490,6	27,49	395,46	674,26	1,6220	2,4191
78,0	11,23	11,07	489,0	28,13	398,30	675,50	1,6300	2,4202
79,0	11,48	11,31	487,4	28,78	401,16	676,73	1,6379	2,4214
80,0	11,72	11,55	485,8	29,44	404,02	677,96	1,6459	2,4225
81,0	11,97	11,80	484,2	30,11	406,89	679,19	1,6539	2,4236
82,0	12,22	12,05	482,5	30,81	409,78	680,40	1,6619	2,4247
83,0	12,47	12,30	480,8	31,51	412,67	681,61	1,6699	2,4258
84,0	12,73	12,56	479,1	32,23	415,58	682,81	1,6779	2,4269
85,0	13,00	12,82	477,5	32,97	418,50	684,00	1,6859	2,4280
86,0	13,26	13,09	475,7	33,72	421,43	685,18	1,6939	2,4290
87,0	13,54	13,36	474,0	34,49	424,37	686,35	1,7019	2,4301
88,0	13,81	13,63	472,3	35,27	427,32	687,52	1,7099	2,4311
89,0	14,09	13,91	470,5	36,07	430,28	688,67	1,7180	2,4322
90,0	14,37	14,20	468,7	36,89	433,26	689,81	1,7260	2,4332
91,0	14,66	14,48	466,9	37,73	436,25	690,95	1,7340	2,4342
92,0	14,95	14,77	465,1	38,59	439,25	692,07	1,7421	2,4352
93,0	15,25	15,07	463,3	39,47	442,26	693,19	1,7502	2,4361
94,0	15,55	15,37	461,4	40,36	445,29	694,29	1,7582	2,4371
95,0	15,86	15,67	459,6	41,28	448,33	695,38	1,7663	2,4380

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
96,0	16,17	15,98	457,7	42,22	451,39	696,46	1,7744	2,4390
97,0	16,48	16,30	455,8	43,18	454,45	697,52	1,7826	2,4399
98,0	16,80	16,61	453,8	44,16	457,54	698,58	1,7907	2,4407
99,0	17,12	16,94	451,9	45,17	460,63	699,61	1,7988	2,4416
100,0	17,45	17,26	449,9	46,20	463,75	700,64	1,8070	2,4424
101,0	17,78	17,59	447,9	47,26	466,87	701,65	1,8151	2,4432
102,0	18,12	17,93	445,8	48,34	470,02	702,64	1,8233	2,4440
103,0	18,46	18,27	443,8	49,45	473,18	703,62	1,8315	2,4447
104,0	18,80	18,62	441,7	50,59	476,35	704,59	1,8398	2,4455
105,0	19,16	18,97	439,6	51,76	479,54	705,53	1,8480	2,4462
106,0	19,51	19,32	437,4	52,96	482,76	706,46	1,8563	2,4468
107,0	19,87	19,68	435,3	54,19	485,98	707,37	1,8646	2,4474
108,0	20,24	20,05	433,0	55,45	489,23	708,26	1,8729	2,4480
109,0	20,61	20,42	430,8	56,75	492,50	709,12	1,8812	2,4486
110,0	20,98	20,80	428,5	58,08	495,79	709,97	1,8896	2,4491
111,0	21,37	21,18	426,2	59,46	499,09	710,80	1,8980	2,4495
112,0	21,75	21,56	423,9	60,87	502,42	711,60	1,9064	2,4499
113,0	22,14	21,96	421,5	62,32	505,78	712,37	1,9148	2,4503
114,0	22,54	22,35	419,0	63,81	509,15	713,12	1,9233	2,4506
115,0	22,94	22,75	416,5	65,36	512,55	713,85	1,9318	2,4509
116,0	23,35	23,16	414,0	66,95	515,97	714,54	1,9404	2,4511
117,0	23,76	23,58	411,4	68,59	519,42	715,20	1,9490	2,4512
118,0	24,18	23,99	408,8	70,28	522,90	715,83	1,9576	2,4513
119,0	24,60	24,42	406,1	72,03	526,41	716,43	1,9663	2,4513
120,0	25,03	24,85	403,3	73,84	529,95	716,99	1,9751	2,4512
121,0	25,47	25,29	400,5	75,72	533,52	717,51	1,9839	2,4510
122,0	25,91	25,73	397,6	77,66	537,13	717,99	1,9927	2,4508
123,0	26,36	26,18	394,6	79,68	540,77	718,42	2,0016	2,4504
124,0	26,81	26,63	391,6	81,77	544,45	718,81	2,0106	2,4500
125,0	27,27	27,09	388,5	83,95	548,17	719,14	2,0197	2,4494
126,0	27,73	27,56	385,2	86,22	551,94	719,42	2,0288	2,4487
127,0	28,21	28,03	381,9	88,59	555,75	719,64	2,0381	2,4479
128,0	28,68	28,51	378,5	91,07	559,62	719,79	2,0474	2,4470
129,0	29,17	29,00	374,9	93,67	563,55	719,87	2,0569	2,4459
130,0	29,66	29,49	371,2	96,39	567,54	719,87	2,0665	2,4446
131,0	30,16	29,99	367,4	99,26	571,59	719,78	2,0762	2,4431
132,0	30,66	30,50	363,3	102,3	575,73	719,60	2,0860	2,4414
133,0	31,17	31,01	359,1	105,5	579,95	719,30	2,0961	2,4394
134,0	31,69	31,54	354,7	108,9	584,26	718,88	2,1064	2,4372
135,0	32,21	32,06	350,0	112,6	588,69	718,32	2,1169	2,4347

Temperatur [°C]	Druck [bar]		Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
136,0	32,75	32,60	345,0	116,5	593,26	717,59	2,1277	2,4317
137,0	33,28	33,14	339,7	120,7	597,97	716,66	2,1388	2,4284
138,0	33,83	33,70	334,0	125,4	602,88	715,50	2,1503	2,4244
139,0	34,39	34,26	327,7	130,5	608,02	714,05	2,1624	2,4198
140,0	34,95	34,83	320,7	136,2	613,46	712,23	2,1752	2,4144
141,0	35,52	35,41	312,9	142,8	619,30	709,91	2,1889	2,4078
142,0	36,10	35,99	303,7	150,5	625,74	706,88	2,2039	2,3995
143,0	36,68	36,59	292,4	160,2	633,12	702,73	2,2212	2,3886
144,0	37,27	37,20	276,9	173,6	642,42	696,42	2,2430	2,3726
145,0	37,87	37,84	245,9	201,2	659,08	682,27	2,2824	2,3379

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