

Dampfdrucktabelle

Seite 1 von 3

Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg*K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-50,0	0,349	1549,2	0,281	148,41	344,11	0,7919	1,6689
-48,0	0,402	1544,5	0,320	150,36	345,29	0,8006	1,6664
-46,0	0,460	1539,8	0,364	152,33	346,48	0,8093	1,6641
-44,0	0,526	1535,1	0,412	154,30	347,68	0,8180	1,6618
-42,0	0,600	1530,4	0,466	156,29	348,88	0,8266	1,6598
-40,0	0,682	1525,7	0,526	158,28	350,09	0,8352	1,6579
-38,0	0,773	1521,0	0,591	160,29	351,31	0,8437	1,6561
-36,0	0,874	1516,2	0,664	162,30	352,54	0,8522	1,6544
-34,0	0,986	1511,5	0,743	164,32	353,77	0,8607	1,6529
-32,0	1,110	1506,7	0,830	166,35	355,00	0,8692	1,6515
-30,0	1,246	1501,9	0,925	168,39	356,25	0,8776	1,6502
-28,0	1,397	1497,1	1,029	170,43	357,49	0,8860	1,6490
-26,0	1,561	1492,3	1,142	172,49	358,75	0,8943	1,6479
-24,0	1,741	1487,4	1,265	174,55	360,01	0,9026	1,6470
-22,0	1,939	1482,5	1,399	176,63	361,27	0,9109	1,6461
-20,0	2,154	1477,7	1,544	178,71	362,54	0,9192	1,6453
-18,0	2,388	1472,8	1,700	180,80	363,81	0,9274	1,6447
-16,0	2,642	1467,8	1,869	182,90	365,09	0,9356	1,6441
-14,0	2,919	1462,9	2,051	185,01	366,37	0,9437	1,6436
-12,0	3,218	1457,9	2,248	187,12	367,65	0,9519	1,6431
-10,0	3,542	1452,9	2,459	189,25	368,94	0,9600	1,6428
-8,0	3,891	1447,9	2,685	191,38	370,23	0,9680	1,6425
-6,0	4,268	1442,9	2,928	193,52	371,52	0,9761	1,6424
-4,0	4,674	1437,8	3,188	195,67	372,82	0,9841	1,6422
-2,0	5,110	1432,7	3,466	197,83	374,12	0,9921	1,6422
0,0	5,578	1427,6	3,763	200,00	375,42	1,0000	1,6422
2,0	6,079	1422,4	4,080	202,18	376,72	1,0079	1,6423
4,0	6,617	1417,3	4,418	204,36	378,03	1,0158	1,6424
6,0	7,191	1412,1	4,777	206,55	379,33	1,0237	1,6426
8,0	7,804	1406,8	5,159	208,75	380,64	1,0315	1,6429
10,0	8,458	1401,6	5,565	210,96	381,94	1,0393	1,6432
12,0	9,154	1396,3	5,995	213,18	383,25	1,0471	1,6436
14,0	9,895	1391,0	6,452	215,41	384,56	1,0549	1,6440
16,0	10,680	1385,6	6,935	217,64	385,87	1,0626	1,6444
18,0	11,520	1380,2	7,446	219,88	387,18	1,0703	1,6449
20,0	12,400	1374,8	7,987	222,14	388,49	1,0780	1,6455
22,0	13,340	1369,4	8,558	224,40	389,80	1,0857	1,6461
24,0	14,330	1363,9	9,160	226,66	391,10	1,0933	1,6467
26,0	15,380	1358,3	9,796	228,94	392,41	1,1009	1,6474
28,0	16,490	1352,8	10,466	231,23	393,72	1,1085	1,6481
30,0	17,660	1347,1	11,171	233,52	395,02	1,1161	1,6488

Dampfdrucktabelle

Seite 2 von 3

Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg·K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	flüssig
32,0	18,890	1341,5	11,914	235,82	396,32	1,1236	1,6496
34,0	20,190	1335,8	12,695	238,14	397,62	1,1311	1,6504
36,0	21,560	1330,0	13,516	240,46	398,92	1,1386	1,6512
38,0	22,990	1324,3	14,378	242,79	400,22	1,1461	1,6521
40,0	24,500	1318,4	15,284	245,13	401,51	1,1536	1,6530
42,0	26,080	1312,5	16,234	247,47	402,80	1,1610	1,6539
44,0	27,740	1306,6	17,231	249,83	404,09	1,1684	1,6548
46,0	29,480	1300,6	18,276	252,20	405,37	1,1758	1,6558
48,0	31,300	1294,6	19,371	254,57	406,65	1,1832	1,6567
50,0	33,200	1288,5	20,517	256,96	407,93	1,1905	1,6577
52,0	35,200	1282,4	21,718	259,35	409,20	1,1979	1,6587
54,0	37,280	1276,2	22,976	261,75	410,46	1,2052	1,6598
56,0	39,450	1269,9	24,291	264,17	411,73	1,2125	1,6608
58,0	41,720	1263,6	25,667	266,59	412,98	1,2198	1,6619
60,0	44,090	1257,2	27,106	269,02	414,23	1,2271	1,6629
62,0	46,550	1250,7	28,610	271,47	415,47	1,2343	1,6640
64,0	49,120	1244,2	30,183	273,92	416,71	1,2416	1,6651
66,0	51,790	1237,6	31,826	276,38	417,94	1,2488	1,6662
68,0	54,570	1230,9	33,544	278,86	419,16	1,2560	1,6672
70,0	57,470	1224,2	35,338	281,34	420,37	1,2632	1,6683
72,0	60,470	1217,3	37,212	283,84	421,58	1,2704	1,6694
74,0	63,590	1210,4	39,170	286,35	422,78	1,2775	1,6705
76,0	66,840	1203,4	41,215	288,87	423,96	1,2847	1,6716
78,0	70,200	1196,3	43,351	291,40	425,14	1,2918	1,6727
80,0	73,690	1189,1	45,582	293,94	426,31	1,2990	1,6738
82,0	77,310	1181,8	47,913	296,49	427,46	1,3061	1,6749
84,0	81,060	1174,5	50,348	299,06	428,60	1,3132	1,6759
86,0	84,940	1167,0	52,892	301,64	429,73	1,3203	1,6770
88,0	88,960	1159,3	55,551	304,24	430,85	1,3274	1,6780
90,0	93,120	1151,6	58,330	306,84	431,95	1,3345	1,6791
92,0	97,430	1143,8	61,235	309,46	433,04	1,3416	1,6801
94,0	101,900	1135,8	64,273	312,10	434,11	1,3487	1,6811
96,0	106,500	1127,7	67,452	314,75	435,17	1,3558	1,6820
98,0	111,300	1119,4	70,778	317,42	436,20	1,3629	1,6830
100,0	116,200	1111,0	74,261	320,10	437,22	1,3700	1,6839
102,0	121,200	1102,5	77,910	322,80	438,22	1,3771	1,6848
104,0	126,500	1093,7	81,734	325,51	439,20	1,3842	1,6856
106,0	131,900	1084,8	85,745	328,25	440,15	1,3913	1,6864
108,0	137,500	1075,7	89,954	331,00	441,08	1,3984	1,6872
110,0	143,200	1066,5	94,376	333,78	441,98	1,4055	1,6879
112,0	149,200	1056,9	99,024	336,57	442,85	1,4126	1,6886

Dampfdrucktabelle

Seite 3 von 3

Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [kJ/kg·K]	
		flüssig	gasförmig	flüssig	vapour		flüssig
114,0	155,300	1047,2	103,920	339,39	443,70	1,4198	1,6892
116,0	161,600	1037,2	109,070	342,23	444,51	1,4269	1,6898
118,0	168,100	1027,0	114,500	345,09	445,28	1,4341	1,6903
120,0	174,800	1016,5	120,250	347,98	446,02	1,4413	1,6907
122,0	181,700	1005,6	126,320	350,90	446,72	1,4485	1,6910
124,0	188,800	994,4	132,760	353,85	447,37	1,4558	1,6913
126,0	196,100	982,9	139,590	356,83	447,97	1,4631	1,6915
128,0	203,700	970,9	146,860	359,85	448,52	1,4705	1,6915
130,0	211,500	958,5	154,630	362,91	449,01	1,4779	1,6914
132,0	219,400	945,6	162,940	366,01	449,43	1,4853	1,6912
134,0	227,700	932,1	171,870	369,16	449,77	1,4929	1,6909
136,0	236,100	917,9	181,500	372,37	450,03	1,5005	1,6903
138,0	244,800	902,9	191,960	375,64	450,19	1,5083	1,6896
140,0	253,800	887,0	203,390	378,99	450,23	1,5162	1,6886
142,0	263,000	870,0	215,980	382,44	450,13	1,5242	1,6873
144,0	272,600	851,5	230,020	385,99	449,85	1,5325	1,6856
146,0	282,400	831,2	245,930	389,70	449,35	1,5411	1,6834
148,0	292,400	808,3	264,380	393,60	448,54	1,5501	1,6805
150,0	302,900	781,6	286,590	397,80	447,27	1,5597	1,6766
152,0	313,600	748,3	315,230	402,52	445,24	1,5705	1,6710
154,0	324,800	699,7	358,740	408,43	441,46	1,5840	1,6613

Eine Garantie, Gewährleistung oder Haftung für die Richtigkeit, Vollständigkeit und Aktualität der zur Verfügung gestellten Inhalte und Informationen kann nicht übernommen werden.