

# 1-Buten



Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-80,000	0,015290	705,41	0,053539	-150,89	305,18	-0,65924	1,7020
-79,000	0,016600	704,36	0,057834	-148,94	306,29	-0,64916	1,6956
-78,000	0,018004	703,31	0,062415	-146,98	307,41	-0,63912	1,6893
-77,000	0,019509	702,27	0,067295	-145,03	308,53	-0,62913	1,6832
-76,000	0,021119	701,22	0,072491	-143,07	309,64	-0,61918	1,6771
-75,000	0,022840	700,17	0,078017	-141,11	310,77	-0,60926	1,6712
-74,000	0,024680	699,12	0,083891	-139,15	311,89	-0,59939	1,6654
-73,000	0,026643	698,07	0,090129	-137,19	313,02	-0,58955	1,6598
-72,000	0,028737	697,02	0,096748	-135,22	314,15	-0,57976	1,6542
-71,000	0,030968	695,97	0,10377	-133,25	315,28	-0,57000	1,6488
-70,000	0,033345	694,92	0,11120	-131,28	316,41	-0,56028	1,6435
-69,000	0,035873	693,87	0,11907	-129,31	317,55	-0,55059	1,6383
-68,000	0,038561	692,82	0,12740	-127,33	318,69	-0,54094	1,6332
-67,000	0,041416	691,76	0,13620	-125,36	319,83	-0,53133	1,6282
-66,000	0,044447	690,71	0,14549	-123,38	320,97	-0,52175	1,6233
-65,000	0,047662	689,66	0,15531	-121,40	322,12	-0,51221	1,6185
-64,000	0,051070	688,60	0,16566	-119,41	323,27	-0,50271	1,6139
-63,000	0,054679	687,55	0,17657	-117,42	324,42	-0,49323	1,6093
-62,000	0,058500	686,49	0,18806	-115,44	325,57	-0,48379	1,6048
-61,000	0,062541	685,44	0,20016	-113,44	326,72	-0,47439	1,6004
-60,000	0,066812	684,38	0,21289	-111,45	327,88	-0,46501	1,5961
-59,000	0,071323	683,32	0,22628	-109,45	329,04	-0,45567	1,5919
-58,000	0,076085	682,26	0,24034	-107,45	330,20	-0,44636	1,5878
-57,000	0,081108	681,20	0,25511	-105,45	331,36	-0,43708	1,5838
-56,000	0,086403	680,14	0,27060	-103,45	332,53	-0,42783	1,5799
-55,000	0,091982	679,08	0,28685	-101,44	333,69	-0,41862	1,5760
-54,000	0,097855	678,02	0,30389	-99,432	334,86	-0,40943	1,5723
-53,000	0,10404	676,95	0,32173	-97,420	336,03	-0,40028	1,5686
-52,000	0,11053	675,89	0,34042	-95,406	337,21	-0,39115	1,5650
-51,000	0,11737	674,82	0,35997	-93,388	338,38	-0,38205	1,5615
-50,000	0,12454	673,75	0,38042	-91,368	339,56	-0,37298	1,5581
-49,000	0,13207	672,69	0,40180	-89,345	340,73	-0,36394	1,5548
-48,000	0,13997	671,62	0,42413	-87,319	341,91	-0,35493	1,5515
-47,000	0,14826	670,55	0,44745	-85,290	343,09	-0,34594	1,5483
-46,000	0,15694	669,48	0,47178	-83,259	344,28	-0,33699	1,5452
-45,000	0,16603	668,40	0,49717	-81,224	345,46	-0,32806	1,5421
-44,000	0,17555	667,33	0,52364	-79,187	346,65	-0,31915	1,5392
-43,000	0,18552	666,25	0,55123	-77,147	347,84	-0,31028	1,5363
-42,000	0,19593	665,18	0,57997	-75,104	349,03	-0,30142	1,5334
-41,000	0,20682	664,10	0,60988	-73,058	350,22	-0,29260	1,5307
-40,000	0,21820	663,02	0,64102	-71,008	351,41	-0,28380	1,5280
-39,000	0,23008	661,94	0,67341	-68,956	352,60	-0,27502	1,5254
-38,000	0,24248	660,86	0,70709	-66,901	353,80	-0,26627	1,5228
-37,000	0,25541	659,77	0,74209	-64,842	354,99	-0,25754	1,5203
-36,000	0,26890	658,69	0,77845	-62,781	356,19	-0,24884	1,5179
-35,000	0,28296	657,60	0,81622	-60,716	357,39	-0,24016	1,5155

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-34,000	0,29760	656,52	0,85541	-58,648	358,59	-0,23151	1,5132
-33,000	0,31285	655,43	0,89609	-56,577	359,79	-0,22287	1,5109
-32,000	0,32872	654,33	0,93827	-54,503	361,00	-0,21426	1,5087
-31,000	0,34523	653,24	0,98201	-52,425	362,20	-0,20568	1,5066
-30,000	0,36241	652,15	1,0273	-50,344	363,41	-0,19711	1,5045
-29,000	0,38026	651,05	1,0743	-48,260	364,61	-0,18857	1,5025
-28,000	0,39881	649,95	1,1229	-46,172	365,82	-0,18005	1,5005
-27,000	0,41807	648,85	1,1733	-44,081	367,03	-0,17155	1,4986
-26,000	0,43808	647,75	1,2254	-41,987	368,24	-0,16307	1,4968
-25,000	0,45883	646,65	1,2793	-39,889	369,45	-0,15461	1,4949
-24,000	0,48037	645,54	1,3350	-37,788	370,66	-0,14617	1,4932
-23,000	0,50270	644,43	1,3926	-35,683	371,87	-0,13776	1,4915
-22,000	0,52585	643,33	1,4522	-33,575	373,09	-0,12936	1,4898
-21,000	0,54984	642,21	1,5137	-31,463	374,30	-0,12098	1,4882
-20,000	0,57469	641,10	1,5773	-29,347	375,52	-0,11262	1,4867
-19,000	0,60043	639,99	1,6429	-27,228	376,73	-0,10428	1,4852
-18,000	0,62706	638,87	1,7106	-25,105	377,95	-0,095965	1,4837
-17,000	0,65462	637,75	1,7804	-22,979	379,17	-0,087664	1,4823
-16,000	0,68313	636,63	1,8525	-20,849	380,38	-0,079381	1,4809
-15,000	0,71261	635,50	1,9268	-18,715	381,60	-0,071117	1,4796
-14,000	0,74308	634,38	2,0035	-16,577	382,82	-0,062871	1,4783
-13,000	0,77457	633,25	2,0824	-14,436	384,04	-0,054642	1,4771
-12,000	0,80709	632,12	2,1638	-12,290	385,26	-0,046431	1,4759
-11,000	0,84068	630,98	2,2476	-10,141	386,48	-0,038238	1,4747
-10,000	0,87535	629,85	2,3339	-7,9880	387,71	-0,030061	1,4736
-9,000	0,91114	628,71	2,4227	-5,8309	388,93	-0,021901	1,4725
-8,000	0,94805	627,57	2,5142	-3,6699	390,15	-0,013758	1,4715
-7,000	0,98613	626,42	2,6083	-1,5049	391,37	-0,005630	1,4705
-6,000	1,0254	625,28	2,7051	0,66410	392,60	0,0024800	1,4696
-5,000	1,0659	624,13	2,8047	2,8372	393,82	0,010575	1,4686
-4,000	1,1076	622,98	2,9070	5,0144	395,04	0,018654	1,4678
-3,000	1,1505	621,82	3,0123	7,1957	396,27	0,026718	1,4669
-2,000	1,1948	620,67	3,1204	9,3812	397,49	0,034767	1,4661
-1,000	1,2403	619,51	3,2316	11,571	398,72	0,042800	1,4653
0,0000	1,2872	618,34	3,3457	13,765	399,94	0,050819	1,4646
1,000	1,3354	617,18	3,4630	15,963	401,17	0,058824	1,4639
2,000	1,3851	616,01	3,5834	18,165	402,39	0,066814	1,4632
3,000	1,4361	614,84	3,7070	20,372	403,62	0,074789	1,4626
4,000	1,4886	613,66	3,8339	22,584	404,84	0,082751	1,4620
5,000	1,5425	612,48	3,9641	24,799	406,07	0,090700	1,4614
6,000	1,5980	611,30	4,0977	27,019	407,29	0,098634	1,4609
7,000	1,6549	610,12	4,2347	29,244	408,51	0,10656	1,4604
8,000	1,7134	608,93	4,3753	31,473	409,74	0,11446	1,4599
9,000	1,7735	607,74	4,5194	33,706	410,96	0,12236	1,4594
10,000	1,8352	606,55	4,6672	35,945	412,19	0,13024	1,4590
11,000	1,8985	605,35	4,8187	38,187	413,41	0,13811	1,4586
12,000	1,9635	604,15	4,9739	40,435	414,63	0,14597	1,4583
13,000	2,0302	602,94	5,1330	42,687	415,86	0,15382	1,4579

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14,000	2,0985	601,73	5,2960	44,944	417,08	0,16165	1,4576
15,000	2,1687	600,52	5,4629	47,206	418,30	0,16947	1,4573
16,000	2,2406	599,30	5,6339	49,473	419,52	0,17728	1,4571
17,000	2,3143	598,08	5,8090	51,744	420,74	0,18508	1,4568
18,000	2,3898	596,86	5,9883	54,020	421,96	0,19287	1,4566
19,000	2,4672	595,63	6,1719	56,302	423,18	0,20065	1,4564
20,000	2,5464	594,40	6,3598	58,588	424,40	0,20842	1,4563
21,000	2,6276	593,17	6,5521	60,879	425,62	0,21617	1,4562
22,000	2,7107	591,93	6,7488	63,176	426,84	0,22392	1,4560
23,000	2,7958	590,68	6,9501	65,477	428,05	0,23165	1,4560
24,000	2,8829	589,43	7,1561	67,784	429,27	0,23938	1,4559
25,000	2,9721	588,18	7,3668	70,096	430,48	0,24710	1,4558
26,000	3,0633	586,92	7,5823	72,413	431,70	0,25480	1,4558
27,000	3,1566	585,66	7,8026	74,736	432,91	0,26250	1,4558
28,000	3,2521	584,40	8,0279	77,063	434,12	0,27019	1,4558
29,000	3,3496	583,13	8,2583	79,397	435,33	0,27787	1,4559
30,000	3,4494	581,85	8,4938	81,735	436,54	0,28554	1,4559
31,000	3,5514	580,57	8,7346	84,079	437,75	0,29320	1,4560
32,000	3,6557	579,28	8,9806	86,429	438,95	0,30086	1,4561
33,000	3,7622	577,99	9,2320	88,784	440,16	0,30850	1,4562
34,000	3,8710	576,70	9,4890	91,145	441,36	0,31614	1,4564
35,000	3,9822	575,40	9,7515	93,512	442,56	0,32377	1,4565
36,000	4,0958	574,09	10,020	95,884	443,76	0,33139	1,4567
37,000	4,2117	572,78	10,294	98,262	444,96	0,33901	1,4568
38,000	4,3301	571,47	10,574	100,65	446,16	0,34661	1,4570
39,000	4,4510	570,14	10,860	103,04	447,35	0,35421	1,4573
40,000	4,5744	568,82	11,152	105,43	448,55	0,36181	1,4575
41,000	4,7003	567,48	11,450	107,83	449,74	0,36939	1,4577
42,000	4,8287	566,14	11,754	110,24	450,93	0,37698	1,4580
43,000	4,9598	564,80	12,065	112,66	452,11	0,38455	1,4583
44,000	5,0935	563,45	12,383	115,08	453,30	0,39212	1,4586
45,000	5,2299	562,09	12,707	117,50	454,48	0,39968	1,4589
46,000	5,3689	560,73	13,038	119,94	455,66	0,40724	1,4592
47,000	5,5107	559,36	13,376	122,37	456,84	0,41479	1,4595
48,000	5,6553	557,98	13,721	124,82	458,01	0,42234	1,4598
49,000	5,8026	556,60	14,073	127,27	459,18	0,42988	1,4602
50,000	5,9528	555,21	14,432	129,73	460,35	0,43741	1,4605
51,000	6,1058	553,81	14,799	132,20	461,52	0,44495	1,4609
52,000	6,2617	552,41	15,173	134,67	462,68	0,45247	1,4613
53,000	6,4206	551,00	15,555	137,15	463,84	0,46000	1,4617
54,000	6,5824	549,58	15,945	139,63	465,00	0,46752	1,4621
55,000	6,7472	548,16	16,343	142,13	466,16	0,47503	1,4625
56,000	6,9151	546,73	16,749	144,63	467,31	0,48254	1,4629
57,000	7,0860	545,29	17,163	147,13	468,45	0,49005	1,4633
58,000	7,2600	543,84	17,585	149,65	469,60	0,49756	1,4637
59,000	7,4372	542,38	18,017	152,17	470,74	0,50506	1,4642
60,000	7,6175	540,92	18,457	154,69	471,88	0,51256	1,4646

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61,000	7,8011	539,45	18,906	157,23	473,01	0,52006	1,4651
62,000	7,9879	537,97	19,364	159,77	474,14	0,52756	1,4655
63,000	8,1779	536,48	19,832	162,32	475,26	0,53505	1,4660
64,000	8,3713	534,98	20,309	164,88	476,38	0,54254	1,4665
65,000	8,5680	533,47	20,796	167,45	477,50	0,55003	1,4669
66,000	8,7681	531,96	21,293	170,02	478,61	0,55752	1,4674
67,000	8,9717	530,43	21,800	172,60	479,72	0,56501	1,4679
68,000	9,1787	528,90	22,317	175,19	480,82	0,57250	1,4684
69,000	9,3892	527,35	22,845	177,79	481,92	0,57999	1,4688
70,000	9,6032	525,80	23,383	180,40	483,01	0,58748	1,4693
71,000	9,8208	524,23	23,933	183,01	484,09	0,59496	1,4698
72,000	10,042	522,66	24,494	185,64	485,17	0,60245	1,4703
73,000	10,267	521,07	25,067	188,27	486,25	0,60994	1,4708
74,000	10,495	519,48	25,651	190,91	487,32	0,61743	1,4713
75,000	10,728	517,87	26,248	193,56	488,38	0,62493	1,4717
76,000	10,964	516,25	26,856	196,22	489,44	0,63242	1,4722
77,000	11,203	514,62	27,478	198,88	490,49	0,63991	1,4727
78,000	11,447	512,97	28,112	201,56	491,53	0,64741	1,4732
79,000	11,695	511,32	28,760	204,25	492,57	0,65491	1,4737
80,000	11,946	509,65	29,421	206,94	493,60	0,66242	1,4741
81,000	12,202	507,97	30,097	209,65	494,62	0,66992	1,4746
82,000	12,461	506,28	30,786	212,36	495,63	0,67744	1,4750
83,000	12,725	504,57	31,490	215,09	496,64	0,68495	1,4755
84,000	12,992	502,85	32,210	217,82	497,64	0,69247	1,4759
85,000	13,264	501,11	32,944	220,57	498,63	0,70000	1,4764
86,000	13,540	499,36	33,695	223,32	499,61	0,70753	1,4768
87,000	13,820	497,60	34,462	226,09	500,58	0,71506	1,4772
88,000	14,104	495,81	35,246	228,87	501,55	0,72260	1,4776
89,000	14,393	494,02	36,046	231,66	502,50	0,73015	1,4780
90,000	14,686	492,20	36,865	234,46	503,44	0,73771	1,4784

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