

# R 227ea

Temperatur [°C]	Druck [bar]	Dichte [kg/m³]		Enthalpie [kJ/kg]		Entropie [J/kg*K]	
		flüssig	gasförmig	flüssig	gasförmig	flüssig	gasförmig
-60,000	0,095257	1685,8	0,92232	136,59	285,75	0,73891	1,4387
-59,000	0,10190	1682,7	0,98249	137,60	286,37	0,74363	1,4384
-58,000	0,10892	1679,6	1,0458	138,61	287,00	0,74832	1,4381
-57,000	0,11634	1676,6	1,1124	139,62	287,64	0,75301	1,4378
-56,000	0,12417	1673,5	1,1825	140,63	288,27	0,75767	1,4376
-55,000	0,13244	1670,4	1,2561	141,64	288,90	0,76233	1,4374
-54,000	0,14115	1667,3	1,3333	142,66	289,53	0,76696	1,4372
-53,000	0,15033	1664,2	1,4144	143,67	290,17	0,77159	1,4370
-52,000	0,16000	1661,1	1,4995	144,69	290,80	0,77620	1,4369
-51,000	0,17017	1658,0	1,5886	145,71	291,44	0,78079	1,4368
-50,000	0,18087	1654,8	1,6820	146,73	292,08	0,78537	1,4367
-49,000	0,19211	1651,7	1,7797	147,75	292,72	0,78994	1,4367
-48,000	0,20392	1648,5	1,8820	148,78	293,35	0,79450	1,4366
-47,000	0,21631	1645,4	1,9889	149,80	293,99	0,79904	1,4366
-46,000	0,22932	1642,2	2,1008	150,83	294,63	0,80356	1,4366
-45,000	0,24295	1639,1	2,2176	151,86	295,27	0,80808	1,4367
-44,000	0,25724	1635,9	2,3395	152,89	295,92	0,81258	1,4367
-43,000	0,27221	1632,7	2,4668	153,92	296,56	0,81707	1,4368
-42,000	0,28787	1629,5	2,5996	154,95	297,20	0,82155	1,4369
-41,000	0,30426	1626,3	2,7380	155,99	297,84	0,82601	1,4371
-40,000	0,32140	1623,1	2,8823	157,03	298,49	0,83046	1,4372
-39,000	0,33931	1619,9	3,0326	158,06	299,13	0,83490	1,4374
-38,000	0,35802	1616,7	3,1891	159,10	299,78	0,83933	1,4376
-37,000	0,37755	1613,4	3,3520	160,15	300,42	0,84374	1,4378
-36,000	0,39793	1610,2	3,5214	161,19	301,07	0,84815	1,4380
-35,000	0,41919	1606,9	3,6976	162,23	301,72	0,85254	1,4382
-34,000	0,44135	1603,7	3,8807	163,28	302,36	0,85692	1,4385
-33,000	0,46445	1600,4	4,0710	164,33	303,01	0,86129	1,4388
-32,000	0,48850	1597,1	4,2686	165,38	303,66	0,86565	1,4391
-31,000	0,51354	1593,8	4,4738	166,43	304,31	0,86999	1,4394
-30,000	0,53960	1590,5	4,6867	167,49	304,96	0,87433	1,4397
-29,000	0,56670	1587,2	4,9075	168,54	305,60	0,87865	1,4400
-28,000	0,59488	1583,9	5,1366	169,60	306,25	0,88297	1,4404
-27,000	0,62417	1580,5	5,3740	170,66	306,90	0,88727	1,4408
-26,000	0,65459	1577,2	5,6200	171,72	307,55	0,89157	1,4412
-25,000	0,68617	1573,8	5,8749	172,78	308,20	0,89585	1,4416
-24,000	0,71896	1570,5	6,1388	173,85	308,85	0,90012	1,4420
-23,000	0,75297	1567,1	6,4120	174,91	309,50	0,90439	1,4424
-22,000	0,78825	1563,7	6,6947	175,98	310,15	0,90864	1,4429
-21,000	0,82482	1560,3	6,9872	177,05	310,80	0,91289	1,4433
-20,000	0,86272	1556,9	7,2896	178,12	311,45	0,91712	1,4438
-19,000	0,90198	1553,5	7,6024	179,20	312,10	0,92135	1,4443
-18,000	0,94263	1550,1	7,9256	180,27	312,75	0,92556	1,4448
-17,000	0,98472	1546,6	8,2596	181,35	313,41	0,92977	1,4453
-16,000	1,0283	1543,1	8,6046	182,43	314,06	0,93397	1,4458
-15,000	1,0733	1539,7	8,9609	183,51	314,71	0,93815	1,4464

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-14,000	1,1199	1536,2	9,3287	184,60	315,36	0,94233	1,4469
-13,000	1,1680	1532,7	9,7083	185,69	316,01	0,94651	1,4475
-12,000	1,2178	1529,2	10,100	186,77	316,66	0,95067	1,4480
-11,000	1,2692	1525,7	10,504	187,86	317,31	0,95482	1,4486
-10,000	1,3223	1522,1	10,921	188,96	317,96	0,95897	1,4492
-9,000	1,3770	1518,6	11,351	190,05	318,61	0,96311	1,4498
-8,000	1,4336	1515,0	11,794	191,15	319,26	0,96724	1,4504
-7,000	1,4919	1511,4	12,250	192,25	319,90	0,97136	1,4510
-6,000	1,5521	1507,9	12,721	193,35	320,55	0,97547	1,4516
-5,000	1,6141	1504,2	13,205	194,45	321,20	0,97958	1,4523
-4,000	1,6780	1500,6	13,704	195,56	321,85	0,98368	1,4529
-3,000	1,7439	1497,0	14,218	196,66	322,50	0,98777	1,4536
-2,000	1,8118	1493,3	14,748	197,77	323,14	0,99185	1,4542
-1,000	1,8817	1489,7	15,292	198,89	323,79	0,99593	1,4549
0,0000	1,9536	1486,0	15,853	200,00	324,44	1,0000	1,4556
1,000	2,0277	1482,3	16,429	201,12	325,08	1,0041	1,4562
2,000	2,1039	1478,6	17,023	202,24	325,72	1,0081	1,4569
3,000	2,1822	1474,8	17,633	203,36	326,37	1,0122	1,4576
4,000	2,2629	1471,1	18,260	204,48	327,01	1,0162	1,4583
5,000	2,3458	1467,3	18,905	205,61	327,65	1,0202	1,4590
6,000	2,4310	1463,5	19,569	206,74	328,30	1,0243	1,4597
7,000	2,5185	1459,7	20,250	207,87	328,94	1,0283	1,4605
8,000	2,6085	1455,9	20,951	209,00	329,58	1,0323	1,4612
9,000	2,7008	1452,1	21,671	210,14	330,22	1,0363	1,4619
10,000	2,7957	1448,2	22,411	211,28	330,86	1,0403	1,4627
11,000	2,8931	1444,3	23,171	212,42	331,49	1,0443	1,4634
12,000	2,9931	1440,4	23,951	213,56	332,13	1,0483	1,4641
13,000	3,0957	1436,5	24,753	214,71	332,76	1,0523	1,4649
14,000	3,2009	1432,6	25,576	215,86	333,40	1,0563	1,4656
15,000	3,3089	1428,6	26,421	217,01	334,03	1,0603	1,4664
16,000	3,4196	1424,6	27,289	218,16	334,66	1,0643	1,4672
17,000	3,5331	1420,6	28,180	219,32	335,29	1,0682	1,4679
18,000	3,6494	1416,6	29,094	220,48	335,92	1,0722	1,4687
19,000	3,7687	1412,5	30,033	221,65	336,55	1,0761	1,4695
20,000	3,8908	1408,4	30,996	222,81	337,18	1,0801	1,4702
21,000	4,0160	1404,3	31,984	223,98	337,80	1,0841	1,4710
22,000	4,1441	1400,2	32,999	225,15	338,43	1,0880	1,4718
23,000	4,2754	1396,1	34,039	226,33	339,05	1,0919	1,4726
24,000	4,4097	1391,9	35,107	227,50	339,67	1,0959	1,4733
25,000	4,5473	1387,7	36,202	228,69	340,29	1,0998	1,4741
26,000	4,6880	1383,4	37,326	229,87	340,90	1,1037	1,4749
27,000	4,8321	1379,2	38,479	231,06	341,52	1,1077	1,4757
28,000	4,9794	1374,9	39,661	232,25	342,13	1,1116	1,4765
29,000	5,1301	1370,6	40,874	233,44	342,74	1,1155	1,4773
30,000	5,2842	1366,2	42,118	234,64	343,35	1,1194	1,4780
31,000	5,4418	1361,8	43,394	235,84	343,96	1,1233	1,4788
32,000	5,6029	1357,4	44,702	237,04	344,56	1,1273	1,4796
33,000	5,7676	1353,0	46,045	238,25	345,17	1,1312	1,4804

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34,000	5,9359	1348,5	47,421	239,46	345,77	1,1351	1,4812
35,000	6,1079	1344,0	48,833	240,67	346,37	1,1390	1,4820
36,000	6,2835	1339,4	50,281	241,89	346,96	1,1429	1,4828
37,000	6,4630	1334,8	51,766	243,11	347,55	1,1468	1,4835
38,000	6,6463	1330,2	53,289	244,33	348,14	1,1507	1,4843
39,000	6,8334	1325,6	54,851	245,56	348,73	1,1546	1,4851
40,000	7,0245	1320,9	56,454	246,79	349,32	1,1585	1,4859
41,000	7,2196	1316,1	58,098	248,03	349,90	1,1623	1,4866
42,000	7,4187	1311,3	59,784	249,27	350,48	1,1662	1,4874
43,000	7,6220	1306,5	61,514	250,51	351,05	1,1701	1,4881
44,000	7,8293	1301,6	63,288	251,76	351,62	1,1740	1,4889
45,000	8,0409	1296,7	65,109	253,01	352,19	1,1779	1,4896
46,000	8,2567	1291,8	66,977	254,27	352,76	1,1818	1,4904
47,000	8,4769	1286,8	68,895	255,53	353,32	1,1857	1,4911
48,000	8,7014	1281,7	70,862	256,79	353,87	1,1896	1,4919
49,000	8,9304	1276,6	72,882	258,06	354,43	1,1935	1,4926
50,000	9,1639	1271,4	74,956	259,34	354,98	1,1974	1,4933
51,000	9,4019	1266,2	77,084	260,61	355,52	1,2013	1,4940
52,000	9,6445	1260,9	79,270	261,90	356,06	1,2052	1,4947
53,000	9,8919	1255,6	81,515	263,19	356,60	1,2090	1,4954
54,000	10,144	1250,2	83,821	264,48	357,13	1,2129	1,4961
55,000	10,401	1244,8	86,189	265,78	357,65	1,2168	1,4968
56,000	10,662	1239,2	88,624	267,08	358,17	1,2207	1,4975
57,000	10,929	1233,7	91,125	268,39	358,69	1,2246	1,4982
58,000	11,201	1228,0	93,697	269,70	359,20	1,2286	1,4988
59,000	11,477	1222,3	96,342	271,02	359,70	1,2325	1,4994
60,000	11,759	1216,5	99,062	272,35	360,20	1,2364	1,5001