

A száraz levegő fizikai jellemzői állandó nyomáson

Hőmérséklet t [°C]	Sűrűség ρ [kg/m ³]	Faj térfogat v [m ³ /kg]	Fajlagos hőtartalom c_p [kJ/kg*K]	Térfogat egység c_p [kJ/m ³ *K]	Hőtartalom i [kJ/kg]	Hőtartalom i' [kJ/m ³]	Dinamikus viszkozitás η 10 ⁻⁸ [Pa*s]	Kinematikai viszkozitás ν 10 ⁻⁶ [m ² /s]	Hővezetési tényező λ 10 ⁻² [W/(m*k)]
-20	1,396	0,716	1,004	1,403	-20,122	-28,089	16,152	11,566	2,291
-19	1,390	1,717	1,004	1,398	-19,117	-26,573	16,210	11,665	2,298
-18	1,385	0,722	1,004	1,394	-18,112	-25,087	16,259	11,742	2,305
-17	1,379	0,725	1,004	1,390	-17,111	-23,597	16,318	11,835	2,312
-16	1,374	0,728	1,004	1,382	-16,107	-22,131	16,377	11,920	2,319
-15	1,368	0,731	1,004	1,377	-15,102	-20,657	16,436	12,014	2,326
-14	1,363	0,734	1,009	1,373	-14,094	-19,213	16,485	12,094	2,333
-13	1,358	0,736	1,009	1,369	-13,092	-17,777	16,547	12,181	2,340
-12	1,353	0,739	1,009	1,365	-12,087	-16,353	16,603	12,268	2,347
-11	1,348	0,742	1,009	1,357	-11,082	-14,938	16,661	12,356	2,354
-10	1,342	0,745	1,009	1,352	-10,073	-13,519	16,711	12,456	2,361
-9	1,337	0,748	1,009	1,348	-9,068	-12,125	16,769	12,546	2,368
-8	1,332	0,751	1,009	1,344	-8,063	-10,739	16,828	12,636	2,375
-7	1,327	0,754	1,009	1,336	-7,059	-9,361	16,887	12,727	2,382
-6	1,322	0,756	1,009	1,331	-6,050	-7,997	16,936	12,812	2,389
-5	1,317	0,759	1,009	1,327	-5,040	-6,640	16,995	12,904	2,396
-4	1,312	0,762	1,009	1,323	-4,032	-5,292	17,054	12,997	2,403
-3	1,308	0,765	1,009	1,319	-3,027	-3,960	17,113	13,081	2,410
-2	1,303	0,767	1,009	1,315	-2,018	-2,629	17,162	13,168	2,416
-1	1,298	0,770	1,009	1,310	-1,009	-1,310	17,220	13,263	2,424
0	1,293	0,773	1,009	1,306	0,000	0,000	17,279	13,369	2,431
1	1,288	0,776	1,009	1,298	1,009	1,298	17,338	13,465	2,438
2	1,284	0,779	1,009	1,294	2,018	2,591	17,397	13,552	2,445
3	1,279	0,782	1,009	1,290	3,027	3,873	17,446	13,643	2,452
4	1,275	0,784	1,009	1,285	4,040	5,149	17,505	13,731	2,458
5	1,270	0,787	1,009	1,281	5,049	6,410	17,564	13,830	2,465
6	1,265	0,790	1,009	1,277	6,058	7,666	17,623	13,930	2,472
7	1,261	0,793	1,009	1,273	7,071	8,918	17,672	14,012	2,479
8	1,256	0,796	1,009	1,269	8,080	10,148	17,730	14,114	2,486
9	1,252	0,799	1,009	1,264	9,093	11,384	17,789	14,205	2,493
10	1,248	0,801	1,009	1,260	10,107	12,610	17,848	14,297	2,500
11	1,243	0,804	1,009	1,256	11,116	13,820	17,897	14,393	2,507
12	1,239	0,807	1,009	1,252	12,054	15,030	17,956	14,497	2,514
13	1,235	0,810	1,009	1,248	13,142	16,232	18,015	14,591	2,521
14	1,230	0,813	1,009	1,243	14,155	17,413	18,074	14,697	2,528
15	1,226	0,816	1,013	1,239	15,168	18,598	18,123	14,784	2,537
16	1,222	0,819	1,013	1,235	16,182	19,774	18,182	14,880	2,542
17	1,217	0,822	1,013	1,231	17,195	20,930	18,240	15,000	2,549
18	1,213	0,824	1,013	1,227	18,212	22,089	18,299	15,085	2,556
19	1,209	0,827	1,013	1,223	19,226	23,245	18,348	15,174	2,563
20	1,205	0,830	1,013	1,218	20,239	24,388	18,407	15,273	2,570
21	1,201	0,833	1,013	1,214	21,256	25,527	18,466	15,371	2,577
22	1,197	0,835	1,013	1,210	22,269	26,657	18,525	15,471	2,584
23	1,193	0,838	1,013	1,210	23,287	27,779	18,574	15,563	2,591
24	1,189	0,841	1,013	1,206	24,304	28,897	18,633	15,677	2,598
25	1,185	0,844	1,013	1,202	25,317	30,002	18,691	15,778	2,605
26	1,181	0,847	1,013	1,197	26,335	31,103	18,750	15,880	2,612
27	1,177	0,850	1,013	1,193	27,352	32,196	18,799	15,975	2,619
28	1,173	0,853	1,013	1,189	28,328	33,280	18,858	16,079	2,626
29	1,169	0,855	1,013	1,185	29,387	34,352	18,917	16,183	2,633
30	1,165	0,858	1,013	1,181	30,404	35,424	18,976	16,288	2,640
31	1,161	0,861	1,013	1,176	31,426	36,483	19,025	16,385	2,647
32	1,157	0,864	1,013	1,172	32,443	37,534	19,084	16,492	2,654
33	1,154	0,867	1,013	1,168	33,460	38,615	19,143	16,585	2,661
34	1,150	0,870	1,013	1,168	34,478	39,653	19,201	16,692	2,668
35	1,146	0,873	1,013	1,164	35,500	40,683	19,250	16,792	2,675
36	1,142	0,876	1,013	1,160	36,521	41,709	19,290	16,884	2,682
37	1,139	0,878	1,013	1,156	37,539	42,755	19,329	16,977	2,689
38	1,135	0,881	1,013	1,151	38,560	43,764	19,368	17,070	2,696
39	1,132	0,883	1,013	1,147	39,582	44,807	19,407	17,149	2,703
40	1,128	0,886	1,013	1,143	40,603	45,799	19,447	17,243	2,710
41	1,124	0,890	1,013	1,143	41,625	46,787	19,486	17,339	2,717
42	1,121	0,892	1,017	1,139	42,642	47,972	19,515	17,410	2,724
43	1,117	0,895	1,017	1,135	43,668	48,776	19,554	17,507	2,731
44	1,114	0,898	1,017	1,130	44,690	49,781	19,594	17,588	2,738
45	1,110	0,901	1,017	1,126	45,711	50,740	19,633	17,686	2,745
46	1,107	0,903	1,017	1,122	46,733	51,736	19,672	17,768	2,752
47	1,103	0,907	1,017	1,122	47,754	52,674	19,711	17,870	2,759
48	1,100	0,909	1,017	1,118	48,780	53,658	19,741	17,941	2,766
49	1,096	0,912	1,017	1,114	49,802	54,583	19,780	18,041	2,772
50	1,093	0,915	1,017	1,110	50,827	55,555	19,819	18,126	2,779