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## ATMOSFERİK BASINÇTA KURU HAVA FİZİKSEL ÖZELLİKLERİ

SICAKLIK	ÖZGÜL KÜTLE	İLETİM KATSAYISI	ÖZGÜL ISI		DİNAMİK VİSKOZİTE	KİNEMATİK VİSKOZİTE	ISIL YAYINIM	ISIL GENLEŞME	PRANDLE
			$c_p$	$c_v$					
T [°C]	$\rho$ [kg/m <sup>3</sup> ]	$\lambda$ [kcal/mh°C]	[kcal/kg°C]	[kcal/Nm <sup>3</sup> °C]	$\mu \cdot 10^6$ [kgs/m <sup>2</sup> ]	$\nu \cdot 10^4$ [m <sup>2</sup> /s]	a [m <sup>2</sup> /h]	$\beta \cdot 10^3$ [1/°K]	Pr
0	1.293	0.0209	0.240	0.310	1.754	0.133	0.067	3.67	0.711
20	1.204	0.0221	0.240	0.310	1.855	0.151	0.075	3.43	0.713
40	1.127	0.0233	0.240	0.311	1.950	0.170	0.086	3.20	0.711
60	1.060	0.0245	0.241	0.311	2.042	0.189	0.096	3.00	0.709
80	1.000	0.0257	0.241	0.311	2.134	0.209	0.107	2.83	0.708
100	0.946	0.0270	0.241	0.311	2.224	0.231	0.118	2.68	0.703
120	0.898	0.0282	0.242	0.311	2.311	0.252	0.130	2.55	0.700
140	0.854	0.0295	0.242	0.312	2.397	0.276	0.143	2.43	0.695
160	0.815	0.0308	0.243	0.312	2.481	0.299	0.154	2.32	0.690
180	0.779	0.0320	0.244	0.312	2.564	0.323	0.168	2.21	0.690
200	0.746	0.0332	0.245	0.313	2.635	0.346	0.182	2.11	0.685
250	0.675	0.0362	0.247	0.313	2.832	0.412	0.217	1.91	0.680
300	0.616	0.0390	0.250	0.314	3.005	0.479	0.253	1.75	0.680
350	0.566	0.0417	0.252	0.316	3.178	0.551	0.292	1.61	0.680
400	0.524	0.0443	0.255	0.318	3.340	0.625	0.331	1.49	0.680
450	0.488	0.0467	0.258	0.319	3.508	0.705	0.371	1.38	0.685
500	0.456	0.0490	0.261	0.320	3.650	0.785	0.411	1.29	0.690
600	0.404	0.0535	0.266	0.324	3.940	0.956	0.407	1.15	0.690
700	0.363	0.0573	0.271	0.327	4.200	1.137	0.583	1.03	0.700
800	0.329	0.0607	0.276	0.330	4.450	1.328	0.669	0.93	0.715
900	0.301	0.0637	0.280	0.334	4.680	1.525	0.756	0.85	0.725
1000	0.277	0.0662	0.283	0.337	4.890	1.730	0.846	0.79	0.735
1100	0.257	0.0719	0.286	0.340	5.274	2.012	0.978	0.73	0.740
1200	0.240	0.0757	0.289	0.343	5.744	2.241	1.093	0.68	0.740

Not: Duman gazı için yandaki değerleri alınız  
veya baca gazı özellikleri tablosuna bakınız

$$\lambda_{dg} \approx 0.93 \lambda_h$$

$$\nu_{dg} \approx 0.95 \nu_h$$

$$a_{dg} \approx 0.84 a_h$$