

Densidad=DENSITY(Air,T=T1,P=P1)

CP=CP(Air,T=T1)

ViscosidadDinamica=VISCOSITY(Air,T=T1)

ViscosidadCinematica=ViscosidadDinamica/Densidad

ConductividadTermica=CONDUCTIVITY(Air,T=T1)

DifusividadTermica=ViscosidadCinematica/Pr

CoefDilVol=VOLEXPcoef(Air,T=T1)

Pr=PRANDTL(Air,T=T1)

Unit Settings: [kJ]/[C]/[bar]/[kg]/[degrees]

CoefDilVol = 0.002544 [1/K]

CP = 1.011 [kJ/kg·K]

DifusividadTermica = 0.00003564 [m²/s]

Pr = 0.7073

ViscosidadCinematica = 0.00002521 [m²/s]

ConductividadTermica = 0.03235 [W/m·K]

Densidad = 0.8979 [kg/m³]

P1 = 1.013 [bar]

T1 = 120 [C]

ViscosidadDinamica = 0.00002264 [N·s/m²]

Parametric Table: Propiedades aire seco a 1.01325 bar

	T1	P1	Densidad	CP	ViscosidadDinamica	ViscosidadCinematica
	[C]	[bar]	[kg/m ³]	[kJ/kg·K]	[N·s/m ²]	[m ² /s]
Run 1	-10	1.013	1.341	1.006	0.0000168	0.00001252
Run 2	-5	1.013	1.316	1.006	0.00001705	0.00001295
Run 3	0	1.013	1.292	1.006	0.00001729	0.00001338
Run 4	5	1.013	1.269	1.006	0.00001754	0.00001382
Run 5	10	1.013	1.247	1.006	0.00001778	0.00001426
Run 6	15	1.013	1.225	1.007	0.00001802	0.00001471
Run 7	20	1.013	1.204	1.007	0.00001825	0.00001516
Run 8	25	1.013	1.184	1.007	0.00001849	0.00001561
Run 9	30	1.013	1.164	1.007	0.00001872	0.00001608
Run 10	35	1.013	1.146	1.007	0.00001895	0.00001654
Run 11	40	1.013	1.127	1.007	0.00001918	0.00001702
Run 12	45	1.013	1.11	1.007	0.00001941	0.00001749
Run 13	50	1.013	1.092	1.007	0.00001963	0.00001797
Run 14	55	1.013	1.076	1.007	0.00001986	0.00001846
Run 15	60	1.013	1.06	1.007	0.00002008	0.00001895
Run 16	65	1.013	1.044	1.007	0.0000203	0.00001945
Run 17	70	1.013	1.029	1.007	0.00002052	0.00001995
Run 18	75	1.013	1.014	1.008	0.00002074	0.00002045
Run 19	80	1.013	0.9996	1.008	0.00002096	0.00002097
Run 20	85	1.013	0.9857	1.008	0.00002117	0.00002148
Run 21	90	1.013	0.9721	1.008	0.00002139	0.000022
Run 22	95	1.013	0.9589	1.009	0.0000216	0.00002252
Run 23	100	1.013	0.946	1.009	0.00002181	0.00002305

Parametric Table: Propiedades aire seco a 1.01325 bar

	T1	P1	Densidad	CP	ViscosidadDinamica	ViscosidadCinematica
	[C]	[bar]	[kg/m ³]	[kJ/kg·K]	[N·s/m ²]	[m ² /s]
Run 24	105	1.013	0.9335	1.01	0.00002202	0.00002359
Run 25	110	1.013	0.9213	1.01	0.00002223	0.00002412
Run 26	115	1.013	0.9095	1.01	0.00002243	0.00002467
Run 27	120	1.013	0.8979	1.011	0.00002264	0.00002521

Parametric Table: Propiedades aire seco a 1.01325 bar

	ConductividadTermica	DifusividadTermica	CoefDilVol	Pr
	[W/m·K]	[m ² /s]	[1/K]	
Run 1	0.02288	0.00001696	0.0038	0.7387
Run 2	0.02326	0.00001756	0.003729	0.7375
Run 3	0.02364	0.00001817	0.003661	0.7362
Run 4	0.02401	0.0000188	0.003595	0.735
Run 5	0.02439	0.00001944	0.003532	0.7336
Run 6	0.02476	0.00002008	0.00347	0.7323
Run 7	0.02514	0.00002074	0.003411	0.7309
Run 8	0.02551	0.0000214	0.003354	0.7296
Run 9	0.02588	0.00002208	0.003299	0.7282
Run 10	0.02625	0.00002276	0.003245	0.7268
Run 11	0.02662	0.00002345	0.003193	0.7255
Run 12	0.02699	0.00002416	0.003143	0.7241
Run 13	0.02735	0.00002487	0.003095	0.7228
Run 14	0.02772	0.00002559	0.003047	0.7215
Run 15	0.02808	0.00002631	0.003002	0.7202
Run 16	0.02845	0.00002705	0.002957	0.719
Run 17	0.02881	0.00002779	0.002914	0.7177
Run 18	0.02917	0.00002855	0.002872	0.7166
Run 19	0.02953	0.00002931	0.002832	0.7154
Run 20	0.02988	0.00003007	0.002792	0.7143
Run 21	0.03024	0.00003085	0.002754	0.7132
Run 22	0.0306	0.00003163	0.002716	0.7121
Run 23	0.03095	0.00003242	0.00268	0.7111
Run 24	0.0313	0.00003322	0.002644	0.7101
Run 25	0.03165	0.00003402	0.00261	0.7092
Run 26	0.03201	0.00003483	0.002576	0.7082
Run 27	0.03235	0.00003564	0.002544	0.7073