

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

CP=CP(Water,T=T1,P=P1)

ViscosidadDinamica=VISCOSITY(Water,T=T1,P=P1)

ViscosidadCinematica=ViscosidadDinamica/Densidad

ConductividadTermica=CONDUCTIVITY(Water,T=T1,P=P1)

DifusividadTermica=ViscosidadCinematica/Pr

CoefDilVol=VOLEXPcoef(Water,T=T1,P=P1)

Pr=PRANDTL(Water,T=T1,P=P1)

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

CoefDilVol = 0.0008572 [1/K]

CP = 4.248 [kJ/kg·K]

DifusividadTermica = 1.670E-07 [m²/s]

Pr = 1.474

ViscosidadCinematica = 2.462E-07 [m²/s]

ConductividadTermica = 0.6693 [W/m·K]

Densidad = 943.3 [kg/m³]

P1 = 4 [bar]

T1 = 120 [C]

ViscosidadDinamica = 0.0002322 [N·s/m²]

Parametric Table: Propiedades del agua a 4 bar

	T1 [C]	P1 [bar]	Densidad [kg/m ³]	CP [kJ/kg·K]	ViscosidadDinamica [N·s/m ²]	ViscosidadCinematica [m ² /s]
Run 1	60	4	983.3	4.182	0.0004666	4.746E-07
Run 2	65	4	980.7	4.184	0.0004335	4.420E-07
Run 3	70	4	977.9	4.186	0.0004041	4.133E-07
Run 4	75	4	975	4.189	0.000378	3.877E-07
Run 5	80	4	972	4.193	0.0003546	3.648E-07
Run 6	85	4	968.8	4.198	0.0003336	3.443E-07
Run 7	90	4	965.5	4.204	0.0003146	3.259E-07
Run 8	95	4	962.1	4.21	0.0002975	3.092E-07
Run 9	100	4	958.5	4.216	0.0002819	2.941E-07
Run 10	105	4	954.9	4.224	0.0002678	2.804E-07
Run 11	110	4	951.1	4.231	0.0002549	2.680E-07
Run 12	115	4	947.2	4.239	0.000243	2.566E-07
Run 13	120	4	943.3	4.248	0.0002322	2.462E-07

Parametric Table: Propiedades del agua a 4 bar

	ConductividadTermica [W/m·K]	DifusividadTermica [m ² /s]	CoefDilVol [1/K]	Pr
Run 1	0.6411	1.559E-07	0.000522	3.044
Run 2	0.6456	1.574E-07	0.0005526	2.809
Run 3	0.6496	1.587E-07	0.0005824	2.604
Run 4	0.6532	1.599E-07	0.0006115	2.424
Run 5	0.6563	1.610E-07	0.0006399	2.265

Parametric Table: Propiedades del agua a 4 bar

	ConductividadTermica [W/m·K]	DifusividadTermica [m2/s]	CoefDilVol [1/K]	Pr
Run 6	0.6591	1.620E-07	0.0006678	2.125
Run 7	0.6615	1.630E-07	0.0006953	1.999
Run 8	0.6635	1.638E-07	0.0007225	1.887
Run 9	0.6652	1.646E-07	0.0007496	1.787
Run 10	0.6666	1.653E-07	0.0007764	1.697
Run 11	0.6678	1.659E-07	0.0008033	1.615
Run 12	0.6686	1.665E-07	0.0008302	1.541
Run 13	0.6693	1.670E-07	0.0008572	1.474