

Physical Properties

Temperature		Viscosity			Density			Thermal Conductivity	Specific Heat	Vapor Pressure	
°F	°C	cSt	cPs	lb/ft-hr	lb/ft³	lb/gal	g/cc	BTU/(hr-ft-°F)	BTU/lb-°F	psia	mm HG
0	-18	797	720	1742	56	7.5	0.90	0.078	0.43		
20	-7	284	254	615	56	7.5	0.90	0.077	0.44		
40	4	119	106	257	55	7.4	0.89	0.076	0.45		
60	16	61	54	131	55	7.4	0.88	0.075	0.46		
80	27	34	30	72	55	7.3	0.87	0.074	0.47		
100	38	21	18	43	54	7.2	0.86	0.074	0.48		
120	49	14	12	28	54	7.2	0.86	0.073	0.48		
140	60	9.2	7.8	19	53	7.1	0.85	0.072	0.49		
160	71	6.8	5.7	14	53	7.0	0.84	0.071	0.50		
180	82	5.0	4.2	10	52	7.0	0.83	0.070	0.51		
200	93	3.9	3.2	7.7	52	6.9	0.83	0.069	0.52		
220	104	3.2	2.6	6.3	51	6.8	0.82	0.068	0.53		
240	116	2.7	2.2	5.3	51	6.8	0.81	0.067	0.54		
260	127	2.2	1.8	4.4	50	6.7	0.80	0.066	0.54		1.1
280	138	1.9	1.5	3.7	50	6.6	0.80	0.065	0.55		1.8
300	149	1.7	1.3	3.2	49	6.6	0.79	0.065	0.56		2.9
320	160	1.5	1.1	2.8	49	6.5	0.78	0.064	0.57		4.5
340	171	1.3	1.0	2.4	48	6.4	0.77	0.063	0.58	0.13	6.9
360	182	1.2	0.89	2.2	48	6.4	0.76	0.062	0.59	0.20	10
380	193	1.1	0.80	1.9	47	6.3	0.76	0.061	0.60	0.29	15
400	204	0.95	0.71	1.7	47	6.3	0.75	0.060	0.61	0.41	21
420	216	0.85	0.63	1.5	46	6.2	0.74	0.059	0.61	0.57	30
440	227	0.79	0.58	1.4	46	6.1	0.73	0.058	0.62	0.79	41
460	238	0.73	0.53	1.3	45	6.1	0.73	0.057	0.63	1.1	55
480	249	0.67	0.48	1.2	45	6.0	0.72	0.056	0.64	1.4	74
500	260	0.63	0.45	1.1	44	5.9	0.71	0.056	0.65	1.9	98
520	271	0.58	0.41	0.99	44	5.9	0.70	0.055	0.66	2.5	129
540	282	0.55	0.38	0.92	43	5.8	0.69	0.054	0.67	3.2	167
560	293	0.51	0.35	0.85	43	5.7	0.69	0.053	0.67	4.1	214
580	304	0.46	0.31	0.75	42	5.7	0.68	0.052	0.68	5.3	273
600	316	0.43	0.29	0.70	42	5.6	0.67	0.051	0.69	6.7	345

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