



## Paratherm CR<sup>®</sup> Heat Transfer Fluid

Rev. 306

### Typical Physical Properties — English Units

°F	°C	Specific Gravity	Density		Viscosity			Specific Heat BTU/(lb-°F)	Thermal Conductivity BTU/(hr-ft-°F/ft)	Vapor Pressure	
			lb/gal	lb/ft <sup>3</sup>	cSt	cP	lb/(hr-ft)			mm Hg	psia
-150	-101	0.9492	7.93	59.32	37.9	36.0	87.1	0.3512	0.0863	-	-
-100	-73	0.9212	7.70	57.57	5.51	5.08	12.3	0.3759	0.0851	-	-
-50	-46	0.8932	7.46	55.82	2.75	2.46	5.95	0.4006	0.0838	-	-
0	-18	0.8653	7.23	54.08	1.83	1.58	3.82	0.4252	0.0825	0.01	-
50	10	0.8373	7.00	52.33	1.09	0.91	2.21	0.4499	0.0814	2.51	0.05
100	38	0.8093	6.76	50.58	0.82	0.66	1.60	0.4745	0.0802	10.0	0.19
150	66	0.7813	6.53	48.83	0.66	0.52	1.25	0.4992	0.0791	33.0	0.64
200	93	0.7534	6.29	47.08	0.56	0.42	1.02	0.5239	0.0779	89.0	1.72
250	121	0.7254	6.06	45.34	0.50	0.36	0.87	0.5485	0.0766	210	4.06
300	149	0.6974	5.83	43.59	0.45	0.31	0.76	0.5732	0.0752	450	8.70
350	177	0.6695	5.59	41.84	0.42	0.28	0.68	0.5978	0.0739	737	14.3
400	204	0.6415	5.36	40.09	0.39	0.25	0.61	0.6225	0.0727	953	18.4

### Typical Physical Properties — SI Units

°C	°F	Density			Viscosity		Specific Heat cal/(g-°C)	Thermal Conductivity W/(m-K)	Vapor Pressure	
		g/ml	lb/gal	kg/m <sup>3</sup>	cSt mm <sup>2</sup> /s	cP mPa-s			mm Hg	kPa
-100	-148	0.9480	7.92	949	36.7	34.8	0.352	0.1492	-	-
-75	-103	0.9229	7.71	924	5.73	5.29	0.374	0.1472	-	-
-50	-58	0.8977	7.50	899	3.01	2.70	0.397	0.1453	-	-
-25	-13	0.8725	7.29	873	2.02	1.76	0.419	0.1433	-	-
0	32	0.8474	7.08	848	1.18	1.00	0.441	0.1414	1.40	0.19
25	77	0.8222	6.87	823	0.92	0.76	0.463	0.1396	6.55	0.87
50	122	0.7970	6.66	798	0.74	0.59	0.485	0.1379	20.1	2.68
75	167	0.7718	6.45	773	0.62	0.48	0.508	0.1361	52.0	6.94
100	212	0.7467	6.24	747	0.54	0.41	0.530	0.1342	118	15.7
125	257	0.7215	6.03	722	0.49	0.35	0.552	0.1321	244	32.5
150	302	0.6963	5.82	697	0.45	0.31	0.574	0.1300	465	62.0
175	347	0.6711	5.61	672	0.42	0.28	0.596	0.1279	725	96.7
200	392	0.6460	5.40	647	0.40	0.26	0.619	0.1258	900	120