

# Opteon™ XP40 Pressure-Temperature Data (SI)

Pressure (kPa.g)	Sat Liq T (°C)	Sat Vap P (°C)
-20	-50.2	-44.4
0	-45.7	-40.0
20	-41.9	-36.2
40	-38.6	-32.9
60	-35.6	-30.0
80	-32.9	-27.3
100	-30.4	-24.9
120	-28.1	-22.6
140	-26.0	-20.5
160	-24.0	-18.5
180	-22.1	-16.6
200	-20.3	-14.8
220	-18.6	-13.1
240	-17.0	-11.5
260	-15.4	-10.0
280	-13.9	-8.5
300	-12.5	-7.1
320	-11.1	-5.8
340	-9.8	-4.4
360	-8.5	-3.2
380	-7.3	-1.9
400	-6.1	-0.8
420	-4.9	0.4
440	-3.8	1.5
460	-2.7	2.6
480	-1.6	3.7
500	-0.5	4.7
520	0.5	5.7
540	1.5	6.7
560	2.5	7.6
580	3.4	8.6
600	4.3	9.5
620	5.2	10.4
640	6.1	11.3
660	7.0	12.1
680	7.9	13.0
700	8.7	13.8
720	9.5	14.6
740	10.4	15.4
760	11.1	16.2
780	11.9	17.0
800	12.7	17.7
820	13.5	18.5
840	14.2	19.2
860	14.9	19.9
880	15.7	20.6
900	16.4	21.3
920	17.1	22.0
940	17.8	22.7
960	18.4	23.3
980	19.1	24.0
1000	19.8	24.6
1020	20.4	25.3
1040	21.1	25.9
1060	21.7	26.5
1080	22.3	27.2

Pressure (kPa.g)	Sat Liq T (°C)	Sat Vap T (°C)
1100	23.0	27.8
1120	23.6	28.4
1140	24.2	29.0
1160	24.8	29.5
1180	25.4	30.1
1200	26.0	30.7
1220	26.5	31.2
1240	27.1	31.8
1260	27.7	32.4
1280	28.2	32.9
1300	28.8	33.4
1320	29.3	34.0
1340	29.9	34.5
1360	30.4	35.0
1380	31.0	35.5
1400	31.5	36.1
1420	32.0	36.6
1440	32.5	37.1
1460	33.0	37.6
1480	33.5	38.0
1500	34.0	38.5
1520	34.5	39.0
1540	35.0	39.5
1560	35.5	40.0
1580	36.0	40.4
1600	36.5	40.9
1620	37.0	41.4
1640	37.4	41.8
1660	37.9	42.3
1680	38.4	42.7
1700	38.8	43.2
1720	39.3	43.6
1740	39.7	44.0
1760	40.2	44.5
1780	40.6	44.9
1800	41.1	45.3
1820	41.5	45.7
1840	41.9	46.2
1860	42.4	46.6
1880	42.8	47.0
1900	43.2	47.4
1920	43.6	47.8
1940	44.1	48.2
1960	44.5	48.6
1980	44.9	49.0
2000	45.3	49.4
2020	45.7	49.8
2040	46.1	50.2
2060	46.5	50.6
2080	46.9	51.0
2100	47.3	51.3
2120	47.7	51.7
2140	48.1	52.1
2160	48.5	52.5
2180	48.9	52.8
2200	49.3	53.2

Pressure (kPa.g)	Sat Liq T (°C)	Sat Vap T (°C)
2220	49.6	53.6
2240	50.0	53.9
2260	50.4	54.3
2280	50.8	54.6
2300	51.1	55.0
2320	51.5	55.3
2340	51.9	55.7
2360	52.2	56.0
2380	52.6	56.4
2400	53.0	56.7
2420	53.3	57.1
2440	53.7	57.4
2460	54.0	57.7
2480	54.4	58.1
2500	54.7	58.4
2520	55.1	58.7
2540	55.4	59.1
2560	55.8	59.4
2580	56.1	59.7
2600	56.5	60.0
2620	56.8	60.4
2640	57.1	60.7
2660	57.5	61.0
2680	57.8	61.3
2700	58.1	61.6
2720	58.5	61.9
2740	58.8	62.2
2760	59.1	62.5
2780	59.4	62.8
2800	59.8	63.2

# Opteon™ XP40 Temperature-Pressure Data (SI)

Temp (°C)	Sat Liq P (kPa.g)	Sat Vap P (kPa.g)
-40	31.3	0.0
-39	37.4	5.0
-38	43.8	10.3
-37	50.5	15.7
-36	57.3	21.4
-35	64.4	27.2
-34	71.8	33.3
-33	79.3	39.6
-32	87.2	46.1
-31	95.3	52.9
-30	103.7	59.9
-29	112.3	67.2
-28	121.3	74.7
-27	130.5	82.4
-26	140.0	90.5
-25	149.8	98.8
-24	159.9	107.3
-23	170.3	116.2
-22	181.1	125.3
-21	192.1	134.8
-20	203.5	144.5
-19	215.2	154.6
-18	227.3	164.9
-17	239.7	175.6
-16	252.5	186.6
-15	265.6	198.0
-14	279.1	209.7
-13	293.0	221.7
-12	307.2	234.1
-11	321.9	246.9
-10	336.9	260.0
-9	352.4	273.5
-8	368.2	287.4
-7	384.5	301.6
-6	401.2	316.3
-5	418.3	331.4
-4	435.8	346.9
-3	453.8	362.8
-2	472.3	379.1
-1	491.2	395.9
0	510.5	413.1
1	530.4	430.8
2	550.7	448.9
3	571.5	467.5
4	592.8	486.6
5	614.6	506.1
6	636.9	526.1
7	659.7	546.7
8	683.1	567.7
9	706.9	589.2
10	731.3	611.3
11	756.3	633.9
12	781.8	657.1
13	807.9	680.8
14	834.5	705.0
15	861.7	729.8

Temp (°C)	Sat Liq P (kPa.g)	Sat Vap P (kPa.g)
16	889.5	755.2
17	917.9	781.2
18	946.9	807.7
19	976.5	834.9
20	1006.7	862.7
21	1037.5	891.1
22	1069.0	920.1
23	1101.1	949.7
24	1133.8	980.1
25	1167.2	1011.0
26	1201.3	1042.7
27	1236.0	1075.0
28	1271.4	1108.0
29	1307.5	1141.7
30	1344.3	1176.1
31	1381.8	1211.2
32	1420.0	1247.0
33	1458.9	1283.6
34	1498.6	1321.0
35	1539.0	1359.1
36	1580.1	1398.0
37	1622.0	1437.6
38	1664.7	1478.1
39	1708.1	1519.4
40	1752.3	1561.5
41	1797.3	1604.4
42	1843.1	1648.2
43	1889.7	1692.8
44	1937.2	1738.4
45	1985.4	1784.8
46	2034.5	1832.1
47	2084.4	1880.3
48	2135.2	1929.4
49	2186.9	1979.5
50	2239.4	2030.6
51	2292.8	2082.6
52	2347.1	2135.6
53	2402.3	2189.7
54	2458.5	2244.7
55	2515.5	2300.8
56	2573.5	2358.0
57	2632.4	2416.3
58	2692.3	2475.7
59	2753.1	2536.2
60	2814.9	2597.8
61	2877.7	2660.7
62	2941.5	2724.7
63	3006.3	2790.0
64	3072.1	2856.5
65	3138.9	2924.4
66	3206.8	2993.6
67	3275.7	3064.1
68	3345.7	3136.1
69	3416.7	3209.5
70	3488.7	3284.4
71	3561.9	3360.9

Temp (°C)	Sat Liq P (kPa.g)	Sat Vap P (kPa.g)
72	3636.0	3439.1
73	3711.3	3519.0
74	3787.5	3600.7
75	3864.8	3684.4
76	3943.1	3770.1
77	4022.2	3858.2
78	4102.0	3949.0
79	4182.2	4042.8
80	4262.1	4140.7
76	3943.1	3770.1
77	4022.2	3858.2
78	4102.0	3949.0
79	4182.2	4042.8
80	4262.1	4140.7

The information set forth herein is furnished free of charge and based on technical data that Chemours believes to be reliable. It is intended for use by persons having technical skill, at their own risk. Because conditions of use are outside our control, Chemours makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe, any patents or patent applications.

© 2023 The Chemours Company FC, LLC. Opteon™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC. Chemours™ and the Chemours Logo are trademarks of The Chemours Company.