

Vapour Pressure over Ice Chart

Guidance for Freeze Drying

Temperature	Vapour Pressure		
	[°C]	[milliTorr]	[milliBar]
0	4,584.000	6.1115	611.148
-2	5,883.000	5.1769	517.689
-4	3,281.000	4.3743	437.429
-6	2,765.000	3.6864	368.635
-8	2,325.000	3.0997	309.974
-10	1,949.000	2.5984	259.845
-12	1,630.000	2.1731	217.315
-14	1,359.000	1.8118	181.185
-16	1,130.000	1.5065	150.654
-18	936.800	1.2490	124.896
-20	774.400	1.0324	103.245
-22	638.200	0.8509	85.086
-24	524.300	0.6990	69.901
-26	429.400	0.5725	57.248
-28	350.500	0.4673	46.729
-30	285.100	0.3801	38.010
-32	231.200	0.3082	30.824
-34	186.800	0.2490	24.905
-36	150.300	0.2004	20.038
-38	120.600	0.1608	16.079
-40	96.300	0.1284	12.839
-42	76.700	0.1023	10.226
-44	60.800	0.0811	8.106
-46	48.000	0.0640	6.399
-48	37.700	0.0503	5.026
-50	29.500	0.0393	3.933
-52	23.000	0.0307	3.066
-54	17.900	0.0239	2.386
-56	13.800	0.0184	1.840
-58	10.600	0.0141	1.413
-60	8.100	0.0108	1.080
-62	6.160	0.0082	0.821
-64	4.660	0.0062	0.621
-66	3.510	0.0047	0.468
-68	2.630	0.0035	0.351
-70	1.960	0.0026	0.261
-72	1.450	0.0019	0.193
-74	1.060	0.0014	0.141
-76	0.780	0.0010	0.104
-78	0.570	0.0008	0.076
-80	0.410	0.0005	0.055
-82	0.290	0.0004	0.039
-84	0.210	0.0003	0.028
-86	0.150	0.0002	0.020
-88	0.100	0.0001	0.013
-90	0.072	0.0001	0.010