

Freezing Point Depression Constants

Compound	Freezing Point (°C)	K_f (°C/m)
water	0.00	1.853
acetic acid	16.66	3.90
benzene	5.53	5.12
p-xylene	13.26	4.30
naphthalene	80.29	6.94
cyclohexane	6.54	20.0
carbon tetrachloride	-22.95	29.8
camphor	178.75	37.7

Boiling Point Elevation Constants

Compound	Boiling Point (°C)	K_b (°C/m)
water	100.00	0.515
ethyl ether	34.55	1.824
carbon disulfide	46.23	2.35
benzene	80.10	2.53
carbon tetrachloride	76.75	4.48
camphor	207.42	5.611