

Epichlorohydrin	
PURITY (BY WT. MINIMUM) (%)	99
SPECIFIC GRAVITY (20/20 °C)	1.180 ~ 1.185
WATER (BY WT. MAXIMUM) (%)	0.05
COLOR (PLATINUM-COBALT, MAXIMUM)	15
MOLECULAR FORMULA	C3H5OCL
MOLECULAR WEIGHT	92.53
SPECIFIC GRAVITY (20/4oC in air)	1.18066
FREEZING POINT	-57.2oC
BOILING POINT	(760 mmHg) 116.11 °C
dt/dp	0.044v/mmHg (at B.P)
COEFFICIENT OF EXPANSION	0.00104/oC (at 20oC)
LATENT HEAT OF VAPORIZATION	97.92 cal/gr (at B.P)
HEAT OF COMBUSTION	4,524 cal/gr
IGNITION POINT	415.6oC
FLASH POINT	40.5oC (Tag Open Cup)
	30.2oC (Tag Closed Cup)
SPECIFIC CONDUCTANCE	34 x 10 ⁻⁹ ohms-1 cm-1 (at 25oC)
DIELECTRIC CONSTANT (60cm)	20.8 (at 21.5oC)
VISCOSITY (cps) 0 (°C)25	1.56 oC
	1.03
REFRACTIVE INDEX (D tD) 0 (°C)25	1.4381 oC
	1.4358
WATER SOLUBILITY (20oC)	Water in EP 1.47 wt%
	EP in water 6.58 wt%
SOLUBILITY (20oC) Solubility in acetone, benzene, methanol, ethyl ether, haptane, and carbon tetrachloride at	25oC....Complete