

SPECIFICATION

Ethylene Glycol

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	Colorless clear liquid
Assay (HOCH ₂ CH ₂ OH) (GC)	min.99.5%(mass/mass)
Solubility in water	to pass test
Density (20°C)	1.112~1.115g/ml
Water	max.0.2%(mass/mass)
Residue after ignition (as sulfate)	max.0.005%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.005%(mass/mass)
Chloride (Cl)	max.1ppm(mass/mass)
Sulfate (SO ₄)	max.0.002%(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.100ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm