

Technical Data Sheet

Eastman EastaPure™ EB Solvent

Applications

- Electronic chemicals
- Lcd displays
- Process solvents

Key Attributes

- Excellent resin solubility
- High Purity/Low Trace Metals
- High assay
- Inert - Food use with limitations
- Inert - Nonfood use
- Viscosity control

Product Description

Eastman EastaPure™ EB solvent is a high flash point, water miscible, colorless solvent providing slow evaporation rate and good viscosity control for a broad range of polymers, resins and coatings. It is primarily used in the production of electronic components in the etching and photoresist processes.

Miscible with most organic solvents and water, EastaPure™ EB solvent enables formulators to develop customized blends that meet the most demanding requirements for electronic chemicals in wet processing and photoresist applications.

The chemical substances for this product are listed as Inert Ingredients Permitted for Use in Nonfood Use Pesticide Products, and in Food Use Pesticide Products with limitations, under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). For details on specific permissions, [click here](#).

Typical Properties

Property	Test Method	Typical Value, Units
General		
Acidity as Acetic Acid		0.01 wt % max.
Assay		99.0 wt % min.
Autoignition Temperature	D 2155	238 °C (460 °F)
Azeotropes		
BP		98.8 °C (209.8 °F)
Wt % Water		79.2 wt %
Blush Resistance @ 80°F (26.7°C)		96 % RH
Boiling Point @ 760 mm Hg		
Dry Point		172 °C (343 °F)
Initial		169 °C (336 °F)
Color		
Pt-Co		10 max.
Critical Pressure		32 ATM
Critical Temperature		326.8 °C
Critical Volume		400 ml/g·mol
Dilution Ratio		
Toluene		3.4
VMP Naphtha		2.1
Electrical Resistance		<0.2 Megohms

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Potassium (K)	
Silver (Ag)	100 ppb
Sodium (Na)	100 ppb
Titanium (Ti)	100 ppb
Zinc (Zn)	100 ppb
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Vapor Density (air = 1)	4.1
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Vapor Pressure @ 20°C	0.6 mm Hg
@ 55°C	0.97 kPa
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Wt/Vol @ 20°C	0.9 kg/L (7.51 lb/gal)
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Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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