

Technical Data Sheet

Eastman VersaBond™ Plasticizer

Applications

- Adhesives/sealants-b&c

Product Description

Eastman VersaBond™ is an efficient and easy replacement for phthalate-based plasticizers in polysulfide sealants for insulated glass. When compared with both phthalate and benzoate plasticizers, VersaBond has comparable or better performance for Shore A hardness, viscosity, and tensile strength. It also performs measurably better than phthalate plasticizers for water uptake.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.1 max.
Color Pt-Co	150 max.
Refractive Index @ 25°C	1.53
Specific Gravity @ 20°C/20°C	1.148
Boiling Point	646 °F (341 °C)
Flash Point Setaflash Closed Cup	345 °F (196 °C)
Freezing Point	25 °F (-4 °C)
Vapor Pressure @ 20°C	<0.0001 torr (<0.01 Pa)
Viscosity @ 25°C	70 cP (70 mPa·s)
Wt/Vol @ 20°C	9.58 lb/gal (1.15 kg/L)

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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