

Technical Data Sheet

Eastman™ DOP Plasticizer

Applications

- Flexible pvc compounds
- Garden hose
- Gaskets-nfc

Product Description

Eastman™ DOP Plasticizer (Bis(2-Ethylhexyl) Phthalate) is a light colored, low volatility, odorless liquid. It is the most widely used all-purpose plasticizer offered by Eastman™ for use with polyvinyl chloride (PVC) resins. It is insoluble in water and has a viscosity of 56 cP at 25°C. Eastman™ DOP features good stability to heat and ultraviolet light, a broad range of compatibility, and excellent resistance to hydrolysis.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.003 max.
Color Pt-Co	15 max.
Refractive Index @ 25°C	1.485
Specific Gravity @ 20°C/20°C	0.985
Boiling Point	723 °F (384 °C)
Flash Point Setaflash Closed Cup	414 °F (212 °C)
Freezing Point	<-58 °F (<-50 °C)
Vapor Pressure @ 20°C	<0.0001 torr (<0.01 Pa)
Viscosity @ 25°C	60 cP (60 mPa·s)
Wt/Vol @ 20°C	8.2 lb/gal (0.982 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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