

Technical Data Sheet

Eastman™ DOP Plasticizer

Applications

- Flexible pvc compounds
- Garden hose
- Gaskets-nfc
- Medical devices
- Medical supplies

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)

CHEMICAL INVENTORIES:

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): This product is listed on the DSL. Any impurities present in this product are exempt from listing.

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

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