

Technical Data Sheet

Eastman™ DOA Plasticizer, Kosher

Applications

- Caps & lids food contact

Product Description

Eastman™ DOA Plasticizer (Bis(2-Ethylhexyl) Adipate) is a light colored, oily liquid generally used as a plasticizer for PVC. It can be used alone or blended with other plasticizers such as DOP or DOTP. In PVC, Eastman™ DOA Plasticizer features flexibility at low temperatures, good electrical properties, good resistance to weathering, and good stability to heat. Eastman™ DOA Plasticizer is used to produce clear films for food packaging applications. In addition to PVC, Eastman™ DOA Plasticizer is compatible with nitrocellulose, ethyl cellulose, most synthetic rubbers, and high-butyryl cellulose acetate butyrates.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.02 max.
Color Pt-Co	10 max.
Refractive Index @ 25°C	1.447
Specific Gravity @ 20°C/20°C	0.927
Boiling Point	783 °F (417 °C)
Flash Point Setaflash Closed Cup	385 °F (196 °C)
Freezing Point	<-94 °F (<-70 °C)
Vapor Pressure @ 20°C	<0.0001 torr (<0.01 Pa)
Viscosity @ 25°C	13 cP (13 mPa·s)
Wt/Vol @ 20°C	7.71 lb/gal (0.924 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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