

Technical Data Sheet

Eastman 168™ SG non-phthalate plasticizer

Applications

- Caps & lids food contact
- Childcare items
- Flexible pvc compounds
- Medical devices
- Medical supplies
- Toys

Product Description

Eastman 168™ SG non-phthalate plasticizer is an enhanced grade of the industry-leading Eastman 168™ non-phthalate plasticizer, specifically targeted at more demanding applications such as medical devices, toys, childcare articles, and food contact applications.

Eastman 168™ SG offers customers with sensitive applications, security of supply and the most stringent QA protocols in a high-purity product, coupled with access to proprietary test data. It offers low extractables, low migration, and a clean toxicological profile.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.01 max.
Color Pt-Co	15 max.
Refractive Index @ 25°C	1.488
Specific Gravity @ 20°C/20°C	0.984
2-Ethylhexanol	<50 ppm
DOP Di (2-Ethylhexyl) Phthalate	<50 ppm
Boiling Point	707 °F (375 °C)
Flash Point Setaflash Closed Cup	414 °F (212 °C)
Freezing Point	<-89 °F (<-67.2 °C)
Vapor Pressure @ 20°C	<0.00001 torr (<0.001 Pa)
Viscosity @ 25°C	66 cP (66 mPa·s)
Wt/Vol @ 20°C	8.18 lb/gal (0.98 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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