

Technical Data Sheet

Benzoflex™ 2-45 Plasticizer

Applications

- Flexible pvc compounds
- Vinyl plastisols

Product Description

Benzoflex™ 2-45 is also compatible with, and an excellent solvator for, polyvinyl chloride (PVC). Flexible vinyl formulations based on this plasticizer can be processed quicker and/or at lower temperatures than vinyls based on a di-2-ethylhexyl phthalate. Benzoflex™ 2-45 is also resistant to extraction from the vinyl by aliphatic and oily solvents.

Typical Properties

Property	Typical Value, Units
General	
Acidity (wt%)	0.1 max.
Color Pt-Co	40
Refractive Index @ 25°C	1.54
Specific Gravity @ 20°C/20°C	1.17
Boiling Point	>572 °F (>300 °C)
Flash Point Setaflash Closed Cup	381 °F (194 °C)
Freezing Point Two crystal forms	61 and 82 °F (16 and 28 °C)
Vapor Pressure @ 20°C	<0.00001 torr (<0.0013 Pa)
Viscosity @ 25°C	74 cP (74 mPa·s)
Wt/Vol @ 20°C	9.76 lb/gal (1.17 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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