

Technical Data Sheet

EPIKOTE™ Resin 357

Product Description

EPIKOTE™ Resin 357 is a low viscosity epoxy resin based on a blend of bisphenol F resin (produced from bisphenol F and epichlorohydrin) and a bisphenol A resin (produced from bisphenol A and epichlorohydrin), and containing an added proportion of difunctional reactive diluent.

The resin has a low volatility and is nearly inodorous, factors which are responsible for its agreeable handling characteristics.

Application Areas/Suggested Uses

Low viscous epoxy resin with a wide range of applications, especially for filled formulations. EPIKOTE™ Resin 357 shows no tendency for crystallization and is therefore preferably suitable for self leveling floorings, solvent-free coatings, cast resin formulations, mastics and adhesives.

Benefits

- Low viscosity
- Crystallization-free
- Low odor
- Very good mechanical performance

Sales Specifications

Property	Value	Unit	Test Method
Color	2	Gardner	ISO 4630
Epoxy Number	25.2 - 26.4	%	DIN 16945
Refractive Index at 25°C	1.552 - 1.556		DIN 51423
Viscosity at 25°C	600 - 800	mPa.s	DIN 53015

Typical Properties

Property	Value	Unit	Test Method
Delivery Form	liquid		
Density at 20°C	1.14 - 1.18	kg/L	ISO 2811
Epoxy Equivalent	163 - 171	g/equivalent	DIN 16945

Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

EPIKOTE™ Resin 357 should be stored at room temperature in conditions such that moisture is excluded, in the original containers kept tightly closed. Under these conditions the shelf life should be a minimum of three years from date of certification.

EPIKOTE Resin 357
<https://www.hexion.com/en-US/product/epikote-resin-357>

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