


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC RD 119LE
Description

EPOTEC RD 119LE is a diglycidyl ether of polypropylene glycol. Epotec RD 119LE can act as flexibilizer and reactive diluents due to its low viscosity and high flexibility. Epotec RD 119LE is compatible with epoxy resin in all compositions. When blended with conventional epoxy resin, Epotec RD 119LE imparts flexibility, increases elongation, improves impact resistance and reduces viscosity of the blended system. Epotec RD 119LE is suitable for producing both solvent based as well as water based epoxy systems.

Applications

- Automotive coatings
- Marine and protective coatings
- Casting, tooling and potting
- Adhesives
- Civil engineering

Specification

Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	0.5 G max.
Epoxy Equivalent weight	ASTM D 1652-04	315 - 335 g/eq
Viscosity at 25°C	ASTM D 2196-05	50 - 70 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.2% max.
Water content	ASTM E 203-01	0.1% max.
Epichlorohydrin	TEC-AS-023	10 ppm max

Typical properties *

Epoxide value	2.99 - 3.17 eq/kg
Density at 25°C	1.03 g/ml
Flash point	183°C

*Typical properties are indicated for information only.

Packing

Epotec RD 119LE is packed and delivered in steel drums, 220 kg per drum as a standard pack.

Storage

Epotec RD 119LE should be stored in dry condition and kept closed in original container. Under these conditions, it has a storage life of at least two years from date of manufacturing.

Handling

Please refer to the MSDS of the product for more instructions on safe storage and handling of Epotec RD 119LE.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:
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