


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

Epotec RD 119LE is a diglycidyl ether of polypropylene glycol. Epotec RD 119LE is compatible with epoxy resin in all concentrations. The blends so made can be cured with the regular curing agents employed to cure epoxy resins. When blended with conventional epoxy resins, Epotec RD 119LE imparts flexibility, increase 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

- Coatings & adhesives for automobiles
- Tank linings
- Coil coatings
- Casting, tooling and potting
- Floorings and other civil applications

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 @25°C	ASTM D 2196-05	50 – 70 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.2 % max.

Typical properties *

Epoxide Value	ASTM D 1652-04	2.99 – 3.18
Density @25°C	ASTM D 1475-98	1.03 g/ml
Water content	ASTM E 203-01	0.1 % max.
ECH content	TEC-AS-P-023	10 ppm max.
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	> 100 °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.
Other packs are available on request.

Storage Epotec RD 119LE reactive diluent should be stored in original tightly closed container, in dry and warm conditions. Under these conditions, it has a storage life of at least two years from the 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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