


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC RD 129
Description

Epotec RD 129 is a low viscosity, aliphatic epoxy resin based on pentaerythritol based polyglycidyl ether. RD 129 is compatible with standard epoxy resins at all concentrations and can be cured using epoxy resin curing agents.

Salient features

- Tetra-functional reactive diluents
- Excellent cross linking agent
- Excellent solvent and corrosive resistance
- Reactive diluents for adhesives, coatings, potting and encapsulation.
- Used for photoresist applications.

Applications

- Dendritic polymers

Specification

Appearance	Visual	Light yellow clear liquid
Colour	ASTM D 1544-04	1 G max.
Epoxy equivalent weight	ASTM D 1652-04	150 - 165 g/eq
Viscosity @ 25°C	ASTM D 2196-05	700 - 1,000 cP
Water content	ASTM E 203-01	0.1 % max.
Epichlorohydrin content	TEC-AS-P-023	10 ppm max.

Typical properties*

Epoxide value	6.06 - 6.67 eq/kg
Density @ 25°C	1.24 - 1.26 g/ml
Flash point	> 130 °C

* Typical properties are indicated for information only

Packing

Epotec RD 129 is packed and delivered in steel drums, 220 kg per drum as a standard pack.

Storage

Epotec RD 129 should be stored in original tightly closed container, in dry and cool 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 129.

Regulatory status

Epotec RD 129 is not TSCA registered and therefore not available for sale in the United States.

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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