


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC RD 124
Description

Epotec RD 124 is a castor oil based glycidyl ether. Epotec RD 124 is a trifunctional reactive diluent which imparts flexibility, impact resistance and thermal shock resistance to epoxy system.

Salient features

- Imparts flexibility and impact resistance to epoxy systems
- Low odor and non-volatile

Applications

- Floor coatings
- Thermal shock resistance potting and dip coatings
- High impact resistance tooling
- High peel strength adhesives

Specification

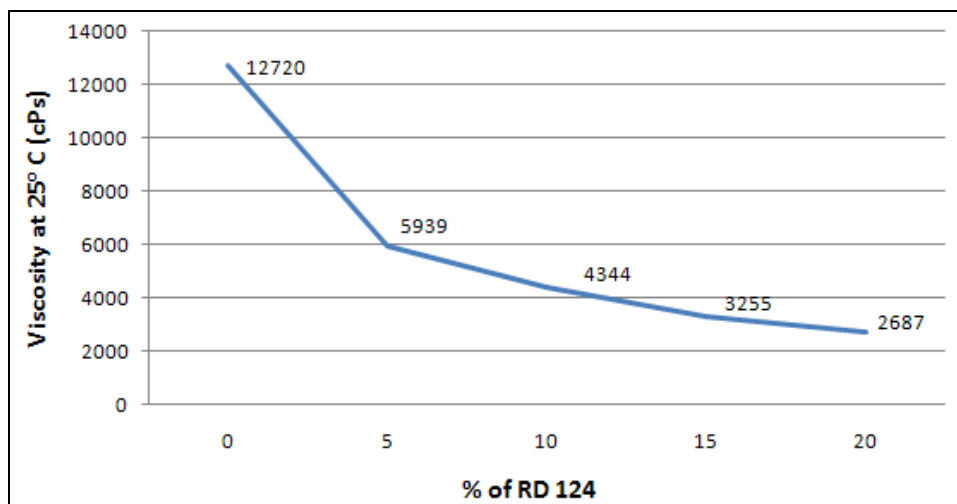
Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	8 G max.
Epoxy equivalent weight	ASTM D 1652-04	500 - 650 g/eq
Viscosity @ 25°C	ASTM D 2196-05	250 - 500 cP
Water content	ASTM E 203-01	0.1 % max.
Epichlorohydrin content	TEC-AS-P-023	10 ppm max.

Typical properties *

Epoxy value	ASTM D 1652-04	1.79 - 2.17 eq/kg
Density @ 25°C	ASTM D 1475-98	1.01 - 1.02 g/ml
Non-volatile content	ASTM D 1259-06	> 99.9 %
Flash point	ASTM D 93	> 93.3 °C

* = Typical properties are indicated for information only

General information **Effect of % RD 124 on viscosity of standard epoxy resin.**



Packing

Epotec RD 124 is packed and delivered in steel drums, 200 kg per drum as a standard pack.

Storage

Epotec RD 124 reactive diluent 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. In case crystallization occurs, resin should be warmed to 50 °C and stirred to restore original condition.

Handling

Please refer to the MSDS of the product for more instructions on safe storage and handling of Epotec RD 124.

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.

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