



Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

EPOTEC RD 114

Description

EPOTEC RD 114 is a diglycidyl ether of Neopentyl glycol. It is primarily used as a reactive diluent for high viscosity epoxy resins. RD 114 is compatible at all concentration with all classes of epoxy resins. Performance properties of system containing RD 114 are maintained at higher level than is possible with monofunctional reactive diluents. It also improves filler loading and fiber wetting characteristics.

Applications

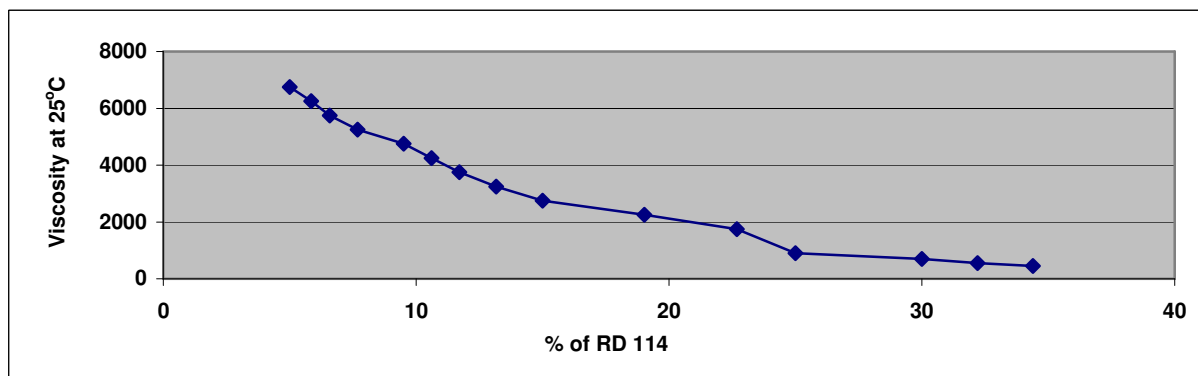
- Electrical potting, encapsulation, impregnation
- Flooring
- Adhesives
- Tooling

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Clear liquid
Color	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 0.5
Epoxy equivalent weight	DIN-16945/4.15B (89) TEC-AS-C-002	g/eq	140 - 160
Viscosity @ 25 °C	JIS-K-7233 (86)	cPs	15 - 25
Hydrolysable chlorine	ASTM D-1726 (87) TEC-AS-C-007	wt%	Max. 0.1
Water content	ASTM-D-4017 (90)	wt %	Max. 0.1

*Brookfield viscosity

Figure 1 Effect of % of RD 114 on viscosity of standard epoxy resin



Storage

EPOTEC RD 114 should be stored in dry condition and kept closed in original container. Under these conditions, it has a storage life of at least one year.

Handling

Please refer MSDS for safe handling of EPOTEC RD 114.

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:

Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

Mahatun Plaza Bldg., 16th Floor 888/167 Ploenchit Road, Lumpini, Bangkok 10330 Thailand.

Tel: (662) 2535031-3, Fax: (662) 2535030

Web Site: www.adityabirlachemicals.com, E-Mail: epoxymktg@adityabirla.com