



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

EPOTEC RD 104**Description**

EPOTEC RD 104 is a commercial grade of phenyl glycidyl ether. It is used as a reactive diluent for conventional epoxy resin systems and as a chemical intermediate to control molecular weight, increase aromatic content or alter the hydrophobicity of polymers. EPOTEC RD 104 is compatible with virtually all classes of epoxy resins used in thermoset plastics and protective coating applications.

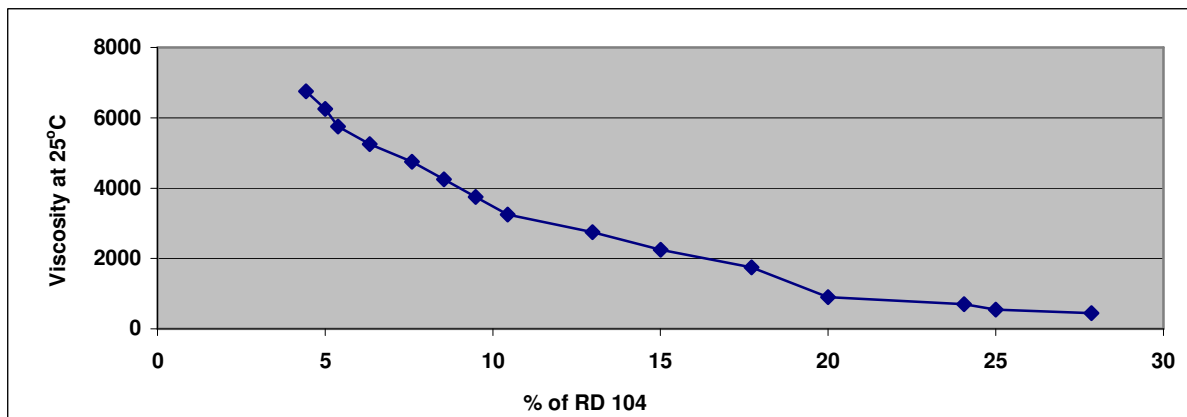
Applications

- Adhesives
- Laminates, electrical impregnation
- Civil
- Tooling, potting and encapsulation

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Clear liquid
Color	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Max. 2.0
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	155 - 170
Viscosity* @ 25 °C	JIS K 7233 (86)	cPs	6 - 12
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 104 on viscosity of standard epoxy resin**Storage**

EPOTEC RD 104 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 to MSDS for safe handling of EPOTEC RD 104.

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