



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

EPOTEC RD 105

Description

EPOTEC RD 105 is a reactive diluent based on O-Cresol. It is primarily used for reducing viscosity of conventional epoxy resins. Formulations containing RD 105. Improves substrate and filler wetting in adhesive formulations. The cured products shows excellent retention of mechanical and chemical resistance properties.

Applications

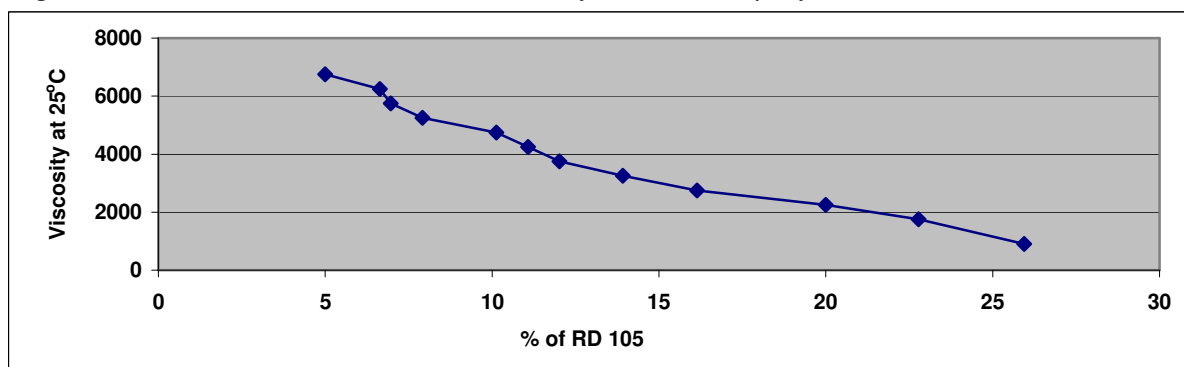
- Adhesives, floorings
- Casting
- Tooling, potting and encapsulation

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Clear liquid
Color	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Max. 0.5
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	175 - 190
Viscosity* @ 25 °C	JIS K 7233 (86)	cPs	5 - 10
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 105 on viscosity of standard epoxy resin



Storage

EPOTEC RD 105 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 105.

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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