

EPOTEC YDF 170

Description

EPOTEC YDF 170 is general-purpose unmodified low viscosity Diglycidyl ether of Bisphenol F. In addition to offering advantage in terms of processing due to viscosity, EPOTEC YDF 170 provides better chemical resistance compared to Bisphenol-A based liquid resins. A blend of YDF 170 with Bisphenol A based liquid resin has better resistance to crystallization compared to unmodified Bisphenol A based resins at the same time. It brings down viscosity without affecting performance parameters unlike reactive diluent modified resin that affects chemical and thermal resistance of the system substantially.

Applications

- Adhesives for electronic application
- Chemical resistance coatings
- Industrial floors
- Laminates

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Viscous liquid
Color	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 1
Epoxy equivalent weight	DIN-16945/4.15B (89) TEC-AS-C-002	g/eq	165 - 175
Viscosity* 25 °c	JIS-K-7233 (86)	cPs	3,000 - 5,000

*Brookfield viscosity

Storage

EPOTEC YDF 170 should be stored in dry, warm conditions and kept closed in original container to avoid crystallization. Under these conditions, it has a storage life of at least one year. In case crystallization occurs, resin should be warmed to 70-80 °C and stirred to restore original condition.

Handling

Please refer to MSDS for safe handling of EPOTEC YDF 170.

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:

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