

EPOTEC YDR 301

Description

EPOTEC YDR 301 is a carbonyl functional elastomer modified diglycidyl ether of Bisphenol A. Elastomer content in the adduct is about 40%. EPOTEC YDR 301 is used to modify conventional epoxy resins to impart flexibility, improve adhesion and fatigue resistance.

Applications

- High performance adhesive having higher peel and shear strength
- Composites with better toughness and impact strength
- Electrical casting with improved thermal cycling resistance

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	400 - 500
Viscosity* @25°C	JIS K 7233 (86)	cPs	400,000 - 800,000
Color	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Max. 12

*Brookfield viscosity

Storage

EPOTEC YDR 301 resin 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 the EPOTEC YDR 301.

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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