



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

EPOTEC YD 128 ED

Description

EPOTEC YD 128ED is an unmodified liquid diglycidyl ether of Bisphenol A. It provides excellent mechanical strength and chemical resistance in a cured state. It has very low level of ionic impurities, which makes it ideal for electronics and CED paints.

Applications

- Adhesives
- Grouts, mortars
- CED paints
- Civil engineering and construction industry
- Potting, casting
- Electrical and electronics
- Solvent free coatings

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Viscous liquid
Color	TEC-AS-P-006	Gardner	Max. 0.5
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	185 - 189
Viscosity* @ 25 °C	JIS-K-7233 (86)	cps	12,500 - 14,500
Specific gravity @ 20 °C	JIS-K-7232	-	1.165 - 1.175
Hydrolysable chlorine	TEC-AS-C-007	ppm	200 Max.
Total chlorine	TEC-AS-C-036	wt %	0.1 - 0.2
Sodium ion content	TEC-AS-C-010	ppm	Max 3.0
Iron ion content	TEC-AS-C-011	ppm	Max. 1.0
Water content	ASTM-D-4017 (90)	wt %	Max. 0.05

* Brookfield viscosity

Storage

EPOTEC YD 128 ED resin should be stored in original tightly closed container. Under these conditions, it has a storage life of at least one year. EPOTEC YD 128 ED is susceptible to crystallization upon prolonged storage at normal ambient temperature. In case crystallization occurs, resin can be reused by warming to 50 - 60 °C (120 -140 °F) for 6 -24 hours depending on the material.

Handling

Please refer to MSDS for safe handling of EPOTEC YD 128 ED.

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