



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

EPOTEC YD 511

Description

EPOTEC YD 511 is a reactive diluent modified liquid epoxy resin. Low viscosity property allows for easy of handling, wetting of pigments and fillers. It is 100% reactive and can react with a full range of curing agents. It also provides minimal reduction of performance properties.

Applications

- Adhesives
- Electrical casting and encapsulation
- Contact and vacuum bag laminating
- Solvent less coatings
- Floor topping and grouting compositions
- Tooling

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	180 - 195
Viscosity* @ 25 °C	JIS-K-7233 (86)	cps	500 - 700

* Brookfield viscosity

Storage

EPOTEC YD 511 resin should be stored in original tightly closed container. Under these conditions, it has a storage life of at least one year. YD 511 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 511.

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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