



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

EPOTEC YD 012

Description

EPOTEC YD 012 is an unmodified standard solid epoxy resin, which has narrow molecular weight distribution, sharper melting point and low melt viscosity.

Applications

- Powder coatings
- Solvent based two components coatings
- Anticorrosive coatings

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	660 - 720
Viscosity* @ 25 °C	ASTM D 1545 (89)	G - H	H - N
Color*	ASTM D 1544 (89) TEC-AS-P-006	Gardner	Max. 0.5
Softening point	JIS K 7234 (86) ASTM E 28-67 (82)	°C	75 - 90
Melt viscosity @ 150 °C	ASTM D 4287 (88)	cps	1,200 - 2,100

* 40% Solution in Butyl Carbitol

Packing

EPOTEC YD 012 is packed in opaque PE bags weighing 25 kg net each.

Storage

EPOTEC YD 012 resin should be stored in dry and cool condition away from sources of heat and ignition in original sealed bags. Under these conditions, it has a storage life of at least one year. Acute toxicity and skin irritation of EPOTEC YD 012 resin is of very low order. However, it is advised to use personnel protective equipment to avoid inhalation of dust. It is advised to take precaution against static electric hazards when emptying bags.

Handling

Please refer to MSDS for safe handling of EPOTEC YD 012.

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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