



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

EPOTEC YD 018

Description

EPOTEC YD 018 is an unmodified standard solid epoxy resin, which has high molecular weight and high softening point than YD 017 thereby gives better flexibility than YD 017.

Applications

- Can coatings
- Lining for tubes and drums
- High performance primer

Typical properties

Property	Test method	Unit	Specification
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	2,000 - 2,400
Viscosity* @ 25 °C	ASTM D-1545 (89)	G - H	Z - Z ₃
Viscosity* @ 25 °C	JIS K 7233 (86)	cPs	5,000 - 8,500
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	122 - 132

* 40% Solution in Butyl Carbitol

Packing

EPOTEC YD 018 is packed and delivered in opaque PE bags weighing 25 kg net each.

Storage

EPOTEC YD 018 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 018 resin is of very low order,

Handling

Please refer to MSDS for safe handling of EPOTEC YD 018.

Food contact statement

When properly formulated and cured for food contact applications, this resin will comply with the U.S. Food, Drugs and Cosmetics Act as amended under Food Additive Regulation 21 CFR 175.300. This use is subject to good manufacturing practices and limitations specified in each regulation, which should be consulted for complete details.

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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