



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

EPOTEC YDPN 631

Description

YDPN 631 is a high viscosity widely used epoxy novolac resin. This resin has multi-epoxy functionality (~ 2.8). These additional reactive sites produce tightly cross-linked cured systems that makes YDPN 631 epoxy novolac resin useful for chemical resistance coatings and elevated temperature services.

Applications

- Adhesives
- Casting and Tooling
- Composites
- Can Coating
- Marine & Protective Coatings
- Photo cure Industrial Coatings
- Potting and Encapsulation

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Viscous liquid
Color	ASTM D-1544 (89) TEC-AS-P-006	Gardner	Max. 3
Epoxy equivalent weight	DIN 16945/4.15B (89) TEC-AS-C-002	g/eq	172 - 180
Viscosity* @ 52 °C	JIS K 7233 (86)	cPs	1,100 - 1,700

* Brookfield viscosity

Storage

EPOTEC YDPN 631 resin should be stored in dry, warm conditions 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 EPOTEC YDPN 631.

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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