


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC YDPN 631
Description

Epotec YDPN 631 is a multifunctional high viscosity epoxy phenol novolac resin. This resin has multi-epoxy functionality of ~ 2.8. These additional reactive sites produce tightly cross-linked cured systems that makes YDPN 631 epoxy phenol novolac resin useful for chemical resistant coatings and elevated temperature services.

Applications

- Marine & Protective Coatings
- Coil Coatings
- Adhesives
- Casting and Tooling
- Composites

Specification

Appearance	Visual	Viscous liquid
Colour	ASTM D 1544-04	1.0 G max.
Epoxy Equivalent weight	ASTM D 1652-04	172 – 180 g/eq
Viscosity @52°C	ASTM D 3236-09	1,100 – 1,700 cP

Typical properties *

Epoxide Value	ASTM D 1652-04	5.56 – 5.81
Density @25°C	ASTM D 1475-98	1.18 g/ml
Hydrolysable Chlorine	ASTM D 1726-03	0.1 % max.
Water content	ASTM E 203-01	0.1 % max.
ECH content	TEC-AS-P-023	10 ppm max.
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	> 150°C

* = Typical properties are indicated for information only

Packing Epotec YDPN 631 is packed and delivered in steel drums, 235 kg per drum as a standard pack.
Other packs are available on request.

Storage Epotec YDPN 631 resin should be stored in original tightly closed container, in dry and warm conditions. Under these conditions, it has a storage life of at least two years from the date of manufacturing.

Handling Please refer to the MSDS of the product for more instructions on safe storage and 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:
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