


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC YDPN 661
Description

Epotec YDPN 661 is a multifunctional epoxy phenol novolac resin. This resin has multi-epoxy functionality of ~ 2.5

Epotec YDPN 661 resin is a general-purpose, widely used epoxy phenol novolac resin having lowest viscosity in the epotec YDPN series of products. Epotec YDPN 661 is widely employed to produce chemical resistant coatings, linings and also floor toppings.

Applications

- Chemical resistant coatings, linings
- Chemical resistant floor toppings
- Adhesives
- Coil Coatings
- Marine & Protective coatings
- Composites

Specification

Appearance	Visual	Viscous liquid
Colour	ASTM D 1544-04	3.0 G max.
Epoxy Equivalent weight	ASTM D 1652-04	170 – 178 g/eq
Viscosity @25°C	ASTM D 2196-05	20,000 – 40,000 cP

Typical properties *

Epoxide Value	ASTM D 1652-04	5.62 – 5.88
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 661 is packed and delivered in steel drums, 235 kg per drum as a standard pack.
Other packs are available on request.

Storage Epotec YDPN 661 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 661.

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.

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