



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

EPOTEC YDPN 638LV

Description

EPOTEC YDPN 638LV is a semi-solid phenol novolac based multifunctional epoxy resin which has lower viscosity than other epoxy novolacs of similar functionality. Due to higher functionality, it offers high crosslink density. YDPN 638LV is useful in improving the performance of cured epoxy resin systems particularly at elevated temperatures or involving high chemical resistance. It exhibits better retention of electrical and mechanical properties at elevated temperatures.

Typical applications:

- Adhesives
- Casting and tooling
- Composites
- Can and Coil Coating
- Marine and Protective Coatings
- Photo cure Industrial Coatings
- Potting and Encapsulation.

Typical properties

| Property | Test method | Unit | Specification |
|-------------------------|----------------------|---------|-----------------|
| Appearance | Visual | - | Semi-solid |
| Color | ASTM D-1544 (89) | Gardner | Max. 3 |
| Epoxy equivalent weight | DIN 16945/4.15B (89) | g/eq | 171 - 182 |
| Viscosity* @ 52 °C | JIS K 7233 (86) | cPs | 20,000 - 30,000 |

* Brookfield viscosity

Storage

EPOTEC YDPN 638LV 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 638LV.

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 warrant 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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