



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

EPOTEC YDPN 638 A 85

Description

YDPN 638 A 85 is a solution of a semi-solid phenol novolac based multifunctional epoxy resin in acetone. Epoxy novolac resin is useful in improving the performance of cured epoxy resin systems particularly at elevated temperatures or involving high chemical resistance. YDPN 638 A 85 is used alone or in combination with bisphenol A based epoxy resin in solution formulations where ease of mixing and processing is required.

Typical applications

- Composites
- Casting and Tooling
- Can and Coil Coating
- Marine and Protective Coatings

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Yellowish liquid
Color	ASTM D-1544 (89)	Gardner	Max. 2
Epoxy equivalent weight*	DIN 16945/4.15B (89)	g/eq	175 - 182
Viscosity** @ 25 °C	JIS K 7233 (86)	cPs	500 - 1200
Resin content	TEC-AS-C-012	wt %	84 - 86

* Based on solids

** Brookfield viscosity

Storage

EPOTEC YDPN 638 A 85 resin should be stored in dry and cool conditions and kept closed in original container. Under these conditions, it has a storage life of at least one year. Due to solvent content, the solutions are moderate skin irritants. Operators are advised to use personal protective equipment to avoid skin contact with the materials, and make use of general mechanical ventilation and local exhaust. EPOTEC YDPN 638 A 85 should be kept away from sources of fire.

Handling

Please refer to MSDS for safe handling of EPOTEC YDPN 638 A 85.

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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