



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

**EPOTEC YDPN 638 X 80**

**Description**

EPOTEC YDPN 638 X 80 is a solution of multifunctional epoxy phenol novolac resin dissolved in xylene to facilitate handling. It produces tightly cross-linked cured systems and used in applications where high temperature, increased corrosion and chemical resistance is desired.

**Applications**

- Marine and industrial paints
- Anti-corrosive coatings
- Adhesives
- Laminates

**Typical properties**

Property	Test method	Unit	Specification
Epoxy Equivalent Weight*	DIN 16945/4.15B (89)	g/eq	175 - 182
Viscosity** @ 25 °C	JIS K 7233 (86)	cPs	1,200 - 2,000
Color	ASTM D-1544 (89)	Gardner	Max. 2
Resin content	TEC-AS-C-012	wt %	79 - 81

\* Based on solids

\*\* Brookfield viscosity

**Storage**

EPOTEC YDPN 638 X 80 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 X 80 should be kept away from sources of fire.

**Handling**

Please refer to MSDS for safe handling of EPOTEC YDPN 638 X 80.

**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., 16<sup>th</sup> Floor 888/167 Ploenchit Road, Lumpini, Bangkok 10330 Thailand.

Tel: (662) 2535031-3, Fax: (662) 2535030

Web Site: [www.adityabirlachemicals.com](http://www.adityabirlachemicals.com), E-Mail: [epoxymktg@adityabirla.com](mailto:epoxymktg@adityabirla.com)