

HYPOX[®] RM20 CTBN-Toughened Epoxidized Neopentyl Glycol Adduct

Product Description

HYPOX[®] RM20 is an adduct of CTBN with epoxidized neopentyl glycol. Compared to standard epoxy resin/CTBN adducts, the product has a lower viscosity coupled with a high rubber content and is intended for use in combination with standard epoxy resins, when the end use application requires toughening and lower viscosity. HYPOX[®] RM20 adduct will increase flexibility, crack, fatigue and peel resistance, and adhesive properties. It will also improve the cathodic disbondment property when used in coating formulations for underground buried pipes for oil and gas transport applications

Applications

- Adhesives
- Impact-resistant coatings
- Toughening of prepregs and composites
- Molding compounds
- Modifier to improve thermal cycle resistance
- Modifier to improve cathodic disbondment property of coating

Typical Properties

Property	HYPOX [®] RM20
Appearance	Clear to Slightly Hazy, Clean
Viscosity at 25°C, cP	4,000 – 8,000
Epoxide Equivalent Weight, g/eq	275 – 305
Gardner Color, max	10
Weight per Gallon at 25°C, lb.	8.4 ± 0.1
HYPRO [®] 1300X8 CTBN content, %	50

Storage

HYPOX[®] RM20 adduct should be stored in a dry place, in the sealed original containers, at temperatures between **+2°C and +40°C (+35.6°F and +104°F)**. Under these storage conditions, the product has a shelf life of **24 months** (from date of manufacture). The products should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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