

HyPoxTM RM22
Epoxidized Cyclohexane Dimethanol
Modified with a CTBN Elastomer
CAS NO. Mixture

DESCRIPTION

HyPox RM22 is a diepoxide functional polymer of cyclohexane dimethanol and a liquid butadiene-acrylonitrile (CTBN) rubber. Compared to standard epoxy resin/CTBN adducts, HyPox RM22 exhibits a moderate viscosity coupled with a high rubber content. HyPox RM22 is intended for use in combination with standard epoxy resins when the end use application requires toughening and improved rubber compatibility with DGEBA. HyPox RM22 will increase flexibility and crack and fatigue resistance. It will improve peel resistance and adhesive properties.

HEALTH & SAFETY PRECAUTIONS

HyPox RM22 is not a primary skin irritant or sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Butyl rubber gloves, full eye protection and protective clothing are recommended.

Refer to the **CVC Thermoset Specialties** Material Safety Data Sheet on HyPox RM22 for additional safety and handling information. The MSDS is revised as new data becomes available.

APPLICATIONS

- ☐ Adhesives
- ☐ Impact Resistant Coatings
- ☐ Toughening of Prepregs and Composites
- ☐ Molding Compounds
- ☐ Modifier to Improve Thermal Cycle Resistance

PACKAGING & AVAILABILITY

HyPox RM22 is available in 55 gal. non-returnable open head steel drums (net weight 450 lbs.) and 5 gal. plastic pails (45 lbs. net). Bulk shipments are available with adequate lead-time. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.

TYPICAL PROPERTIES

| | |
|---------------------------------|---------------|
| Appearance | Clear, Clean |
| Viscosity @ 25°C, cps | 15,000-25,000 |
| Epoxide Equivalent Weight, g/eq | 320 - 360 |
| Gardner Color, max | 10 |
| Weight per Gallon, @ 25°C, lbs. | 8.6 ± 0.1 |



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HyPox™ RM22

DISCLAIMER

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