

Technirez® NP-05

Carboxylated Nitrile Modified Epoxy Resin

Description:

Technirez® NP-05 is a combination of a Bis A Epoxy resin and a solid carboxylated nitrile rubber at 5%. NP-05 combines epoxy functionality with toughness and impact resistance. It is ideal for film adhesives possessing greater creep resistance over higher temperatures than resins based on liquid elastomers. prepreg formulations where improved impact resistance, fatigue resistance and thermal shock resistance are desired. The product can be used as a toughener for copper-clad laminates, structural prepregs, molding compounds and electrical applications..

Advantages:

- High-temperature encapsulation/ and adhesives
- Prepregs and composites
- Impact resistance coatings
- Toughener for epoxy novolacs

Typical Applications:

- Copper clad lamination
- Prepregs
- Molding compounds
- Electrical applications

Handling Precautions:

Refer to the product Safety Data Sheet

Typical Properties:

Appearance:	Clear to Slightly Hazy, Clean
Viscosity @ 52 °C, cps	15,000 – 30,000
Elastomer content:	5%
Epoxide Equiv. Weight, g/eq	195 – 210
Weight per Gallon @ 25 °C, lb.	9 ± 0.1
Flash Point, COC,	>250°C (>480°F)

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