

An Emerald Performance Materials Company

Nychem[®] 2570X59

Carboxylated, Specialty Styrene-Butadiene Latex Medium Nitrile

DESCRIPTION

Nychem[®] 2570X59 is a Carboxylated, Specialty Styrene-Butadiene Latex. It utilizes a synthetic anionic surfactant enabling good chemical and mechanical stability. This provides the best formulating capabilities, machine runnability, and good wetting properties with reduced pH sensitivity great for binder and coating applications. It can be used as a temporary peelable coating or maskant for the aerospace industry. It is often used in conjunction with other compatible water based polymers and can provide softer feel.

The specialty styrene butadiene Nychem[®] latex has excellent water resistance and provides good flexibility and impact resistance with improved adhesion to metal substrates. The carboxylated functionality allows the polymer to be crosslinked internally or with the substrate using metal complexes, amino and phenol formaldehyde resins, and epoxies further improving performance. Additional toughness, abrasion, and chemical resistance can be further enhanced through vulcanization using a sulfur donor.

FEATURES

- High solids
- Softer feel
- Carboxylated SBR
- Peelable coating
- Polar solvent resistance

END USE/APPLICATIONS

- Water Resistant Coatings
- Maskant or Peelable Coatings
- Chemical Millings

TYPICAL PROPERTIES

| | |
|------------------------------------|----------|
| pH | 8-to-9 |
| Total Solids (Wt.%) | 40-to-44 |
| Brookfield Viscosity, cps. @ 25 °C | < 60 |
| Mooney Viscosity, ML-4 @ 100°C | 30-to-90 |
| Bound nitrile, % | 26 |
| Tg, °C | -26 |

HEALTH & SAFETY PRECAUTIONS

Read the Nychem 2570X59 Safety Data Sheet before handling, storing, or using this product.

STORAGE/HANDLING

Nychem latexes are aqueous dispersions of colloidal polymer particles. They are subject to freezing and to gelation. Frozen latex cannot be salvaged.

Gelation may occur at temperatures below 60 °F. Gelled latex should be placed in a heated room and warmed gradually. Gentle stirring after heating helps break the gel.

PACKAGING/DELIVERY

Nychem 2570X59 is available in drums, totes, and bulk shipments.



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To obtain samples of Nychem 2570X59, or any other Nychem product, please visit our website at www.cvcthermoset.com. To discuss your application please contact us directly at 888.889.9150.

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