

An Emerald Performance Materials Company**Nychem[®] 1562X103
Acrylonitrile-Butadiene Latex
Medium Nitrile****DESCRIPTION**

Nychem[®] 1562X103 is a Medium-Nitrile, Acrylonitrile-Butadiene Latex. It utilizes a rosin acid stabilizer with improved resistance to rewetting. It can be used for controlled latex deposition in gasketing and beater addition applications. A feature of this latex is smaller particle size for improve web penetration and faster drying for binder and adhesive applications. For wet laminating or heat seal adhesives, it provides good bonding strength to rubber and textile substrates and it can be used with RFL dip adhesive applications. It is a softer version of Nychem[®] 1562.

The medium acrylonitrile content provides good chemical, grease, and oil resistance combined with good tear and abrasion resistance. Also, it exhibits good flexibility and impact resistance useful in binder and coating applications. Additional toughness, abrasion, and chemical resistance can be further enhanced through vulcanization using a sulfur donor.

FDA Compliance 21 CFR 175.105 (Adhesives) and 21 CFR 177.2600 (Rubber articles intended for repeated use).

FEATURES

- Good wet strength
- Good flexibility and impact resistance
- Good internal bond strength
- Small particle size for adhesive strength
- FDA 175.105 and FDA 177.2600 Compliant

END USE/APPLICATIONS

- Gasketing
- Wet End Additives
- Binders & Saturants
- Paper Coatings
- Adhesives

TYPICAL PROPERTIES

pH	10-to-11
Total Solids (Wt.%)	40-to-42
Brookfield Viscosity, cps. @ 25 °C	<100
Mooney Viscosity, ML-4 @100°C	60-to-80
Bound nitrile, %	33
Tg, °C	-25

HEALTH & SAFETY PRECAUTIONS

Read the Nychem 1562X103 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 1562X103 is available in drums, totes, and bulk shipments.



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To obtain samples of Nychem 1562X103, 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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