

**An Emerald Performance Materials Company****Nychem<sup>®</sup> 1561  
Acrylonitrile-Butadiene Latex  
High Nitrile****DESCRIPTION**

Nychem<sup>®</sup> 1561 is a High-Nitrile, Acrylonitrile-Butadiene Latex. It utilizes a fatty acid stabilizer with improved resistance to rewetting. It can be used for controlled latex deposition in gasketing and beater addition applications. For textile coating applications, this latex provides good flexibility and puncture resistance. The high acrylonitrile content provides excellent chemical, grease, and oil resistance combined with excellent abrasion resistance ideal for abrasive and durable papers. 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**

- FDA 175.105 and 177.2600 Compliant
- Good internal bond strength
- Excellent chemical and grease resistance
- Excellent abrasion resistance
- Small particle size for better web penetration
- Crush/Creep resistance and sealability
- Controllable latex deposition for wet end

**END USE/APPLICATIONS**

- Gasketing
- Wet End Additives
- Textile Coatings
- Binders & Satruants
- Adbrasive & Durable Papers

**TYPICAL PROPERTIES**

pH	10-to-11
Total Solids (Wt.%)	40-to-42
Brookfield Viscosity, cps.@ 25 °C	< 75
Mooney Viscosity, ML-4 @100°C	115-to-145
Surface Tension, dy/cm	40-to-50
Bound nitrile, %	45
Tg, °C	-20

**HEALTH & SAFETY PRECAUTIONS**

Read the Nychem 1561 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 1561 is available in drums, totes, and bulk shipments.



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To obtain samples of Nychem 1561, or any other Nychem product, please visit our website at [www.cvcthermoset.com](http://www.cvcthermoset.com). To discuss your application please contact us directly at 888.889.9150.

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