

An Emerald Performance Materials Company

Nychem[®] 552

PVC/Nitrile Latex Blend

High Solids

DESCRIPTION

Nychem[®] 552 is a polyblend of PVC and Medium Nitrile Latex. It can be used as a barrier or top coat in paper & textile coating. The specialty PVC-nitrile latex had excellent release coating properties and provides low blocking & tack for use as separator papers.

Nychem 552 provides good flexibility and impact resistance. Additional barrier properties, toughness, abrasion, and chemical resistance can be further enhanced through vulcanization using a sulfur donor.

FDA Compliance 21 CFR 175.105 (Adhesives)

FEATURES

- Low blocking/tack for release coating
- Good barrier properties
- FDA 175.105 Compliant

END USE/APPLICATIONS

- Release Coatings
- Top Coats & Barrier Coatings

TYPICAL PROPERTIES

pH	10-to-11
Total Solids (Wt.%)	54-to-57
Brookfield Viscosity, cps.@ 25 °C	< 100
Surface Tension, dy/cm	25-to-40
Tg, °C	+69/-25

HEALTH & SAFETY PRECAUTIONS

Read the Nychem 552 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 40 °F. Gelled latex should be placed in a heated room and warmed gradually. Gentle stirring after heating helps break the gel.

PACKAGING/DELIVERY

Nychem 552 is available in drums, totes, and bulk shipments.



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To obtain samples of Nychem 552, 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.

DISCLAIMER

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