

Nychem™ Specialty Emulsions cover an expansive line of Nitrile, Carboxylated Nitrile and Styrene-Butadiene products and blends. Our polymers provide a combination of superior oil, grease and solvent resistance, toughness, and tear and abrasion resistance. These products are tailored to various applications based on monomer and surfactant ratios and the use of cross-linking agents. They vary in acrylonitrile content from low to high, with increases in oil, grease and solvent resistance and glass transition temperature, respectively. To further enhance toughness, abrasion and chemical resistance, the products can be vulcanized or external cross linking agents such as melamines, epoxies, phenolics, or metal complexes can be added. Product families enhanced with fatty acid or rosin acid-based surfactants exhibit superior water resistance while those with synthetic surfactants exhibit superior mechanical stability. Non-carboxylated products produce the best caustic resistance.

Specific properties for Nychem™ 1562x117 are listed below.

PRODUCT DESCRIPTION

- Butadiene Acrylonitrile Copolymer
- Medium Acrylonitrile Level
- Fatty Acid Emulsifier

TYPICAL PROPERTIES

pH	10.0-11.0
Total Solids(%)	40.0-42.0
Brookfield Viscosity(cps)	25 max.
Tg (°C)	-25
Weight per Gallon (lb/gal)	8.2

FEATURES

- Medium nitrile
- Very good oil, grease and hydrocarbon resistance
- FDA 175.105 and 177.2600 compliant
- Small particle size
- Good water resistance
- Fast penetrating
- Compatible with phenolic resins
- Easily destabilized/coagulated

STORAGE/HANDLING

Product is unstable after freeze-thaw cycle. Recommend transportation and storage above 60°F. If product is stored, unopened at 60-90°F, then optimal performance has been reported up to six months from ship date. Read the product Safety Data Sheet before handling, storing, or using.

APPLICATIONS

- Friction paper

PACKAGING/DELIVERY

Available in drums, totes, and bulk shipments.

To obtain samples, discuss your application, or gather more details on Nychem™ 1562x117, or any other Nychem™ product, please log onto our website at www.emeraldmaterials.com, or contact us directly at 888.889.9150.

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