



Nanolok™ NP3075

Product Data Sheet

Product Description

NanoLok™ NP is an environmentally-friendly, aqueous suspension of nano-dispersed silicates and Neoprene (or Chloroprene). It is used as a barrier coating and can be applied to various elastomeric substrates via spray or dip coating processes. NanoLok™ NP has the secondary properties of neoprene which may be important in the application, such as ozone, UV, solvent and oil resistance.

Typical Properties of Nanolok™ NP3075

Property	Unit	Value
Permeability @ 23°C, 0% RH on Polypropylene Substrate	cc-mm/m ² -day-atm	1.7 – 2.2 +/-10%
Strain to first damage @ 25°C, 0%RH with 25x microscope, rubber substrate	%	8-13 +/-2%
Viscosity Brookfield, cP @0.3 rpm, 25°C	cP	800-2000 +/-10%
Solid Content	%	7.0-8.0
pH		9.0-11
Shelf Life	Months from date of manufacture	6

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