



Nanolok™ NT3078

Product Data Sheet

Product Description

NanoLok™ NT is an environmentally-friendly, aqueous suspension of nano-dispersed silicates and nitrile rubber. It is used as a barrier coating and can be applied to various elastomeric substrates via spray or dip coating processes. NanoLok™ NT has the secondary properties of nitrile rubber which may be important in the application, such as solvent, oil and fuel resistance.

Typical Properties of Nanolok™ NT3078

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	250-1000 +/-10%
Solid Content	%	7.5-8.5
pH		7.5-9.0
Shelf Life	Months from date of manufacture	6

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