

Zeon Chemicals Nipol® 1001LG Nitrile Elastomer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Nipol 1001LG is a copolymer of butadiene and acrylonitrile with very high oil resistance. Its properties are similar to those of Nipol 1001CG with the exception that: a) nomilling is required for ungelled cements; and b) non-polymer constituents have been designed so as not to interfere with adhesion. Sufficient antioxidant is added during manufacture for normal storage conditions. No fatty acid or fatty soap is used in the manufacturing process for this product. Similar to 1001CG, but can be dissolved in solvents without milling. Contains no fatty acids or soaps.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1001LG-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	
Viscosity	1000 - 10000 cP	1000 - 10000 cP	Unmilled Cement; Zeon Test #328
Mooney Viscosity	70 - 90 @Temperature 100 °C	70 - 90 @Temperature 212 °F	(1+4)
Ash	<= 0.40 %	<= 0.40 %	Zeon Test #873

Descriptive Properties	Value	Comments
AO Type	NS	
Bound ACN (% , acrylonitrile)	39-42	
Heat Loss (%) Max	0.5	
Hot/Cold	H	

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