

Zeon Chemicals Nipol® 1031 Nitrile Elastomer

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

Material Notes:

Nipol 1031 is a copolymer of butadiene and acrylonitrile with very high oil resistance. Sufficient non-staining antioxidant is added during manufacture for normal storage conditions. Excellent fuel and water resistance. Very low corrosion to metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1031-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.00 g/cc	1.00 g/cc	
Viscosity	500 - 2500 cP	500 - 2500 cP	Milled Cement; Zeon Test #327
Mooney Viscosity	55 - 70 @Temperature 100 °C	55 - 70 @Temperature 212 °F	(1+4)
Ash	<= 0.10 %	<= 0.10 %	Water Soluble; Zeon Test #824

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

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