

Zeon Chemicals Nipol® 1053 Nitrile Elastomer

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

Material Notes:

Nipol 1053 is a copolymer of butadiene and acrylonitrile with medium oil resistance. Sufficient non-staining antioxidant is added during manufacture for normal storage conditions. Used where low temperature and good mold flow are required. Easier processing than Nipol 1043.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1053-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	
Viscosity	3400 - 7400 cP	3400 - 7400 cP	Unmilled Cement; Zeon Test #328
Mooney Viscosity	45 - 60 @Temperature 100 °C	45 - 60 @Temperature 212 °F	(1+4)
Ash	<= 0.80 %	<= 0.80 %	Zeon Test #873

Descriptive Properties	Value	Comments
AO Type	NS	
Bound ACN (% , acrylonitrile)	28-30	
Heat Loss (%) Max	0.75	
Hot/Cold	C	

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