

Zeon Chemicals Nipol® 1442 Nitrile Powder and Crumb Elastomer

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

Material Notes:

Nipol 1442 is a copolymer of butadiene and acrylonitrile with medium-high acrylonitrile content. Nipol 1442 shall be in the form of nominal 1/4" three-dimensional chips containing approximately 5% mineral dusting agent to prevent agglomeration. It shall be free from foreign material considered objectionable for normal applications. Crumb rubber with talc partitioning agent. Used in coal tar and asphalt modification.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1442-Nitrile-Powder-and-Crumb-Elastomer.php

Physical Properties	Metric	English	Comments
Particle Size	9500 µm	9500 µm	
Viscosity	2000 - 10000 cP	2000 - 10000 cP	Unmilled Cement; Zeon Test #328
Mooney Viscosity	75 - 90 @Temperature 100 °C	75 - 90 @Temperature 212 °F	(1+4); Zeon Test #404
Ash	0.20 - 0.80 %	0.20 - 0.80 %	Zeon Test #873

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-35.0 - -25.0 °C	-31.0 - -13.0 °F	

Descriptive Properties	Value	Comments
Bound ACN (% acrylonitrile)	32-34	
Heat Loss (%) Max	0.7	
Hot/Cold	C	

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