

## Zeon Chemicals Nipol® 1472X Nitrile Powder and Crumb Elastomer

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

**Material Notes:**

Nipol 1472X is a copolymer of butadiene and acrylonitrile of medium-high acrylonitrile content modified to contain carboxyl groups. It contains sufficient antioxidant for normal storage conditions. Nipol 1472X 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. Carboxylated nitrile crumb, used in epoxy modification, for adhesives and composites. Contains talc partitioning agent.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zeon-Chemicals-Nipol-1472X-Nitrile-Powder-and-Crumb-Elastomer.php](http://www.lookpolymers.com/polymer_Zeon-Chemicals-Nipol-1472X-Nitrile-Powder-and-Crumb-Elastomer.php)

Physical Properties	Metric	English	Comments
Particle Size	9500 µm	9500 µm	
Viscosity	100 - 1500 cP	100 - 1500 cP	Milled Cement; Zeon Test #1377
Mooney Viscosity	22 - 35 @Temperature 100 °C	22 - 35 @Temperature 212 °F	(1+4); Zeon Test #404
Ash	3.0 - 8.0 %	3.0 - 8.0 %	Zeon Test #873

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-31.0 °C	-23.8 °F	

Descriptive Properties	Value	Comments
Bound ACN (% acrylonitrile)	26-28	
Carboxyl Content, %	0.07-0.08	
Heat Loss (%) Max	0.5	
Hot/Cold	C	

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