



Nipol[®] 1000X132

Product Specification
Date Issued: 05/02/14
Supersedes: 05/12/08

Description: Nipol 1000X132 is a copolymer of butadiene and acrylonitrile with extremely high fuel and oil resistance. Sufficient antioxidant is added during manufacture for normal storage conditions.

<i>Packaging:</i> Nipol 1000X132 shall be in the form of amber-to-tan colored 44.1 lb. (20 kg) bales free from foreign matter considered objectionable for normal applications.				
Specification	Min.	Max.	Target	Zeon Test Procedure No.
<i>Polymer Properties</i>				
Heat Loss (%)		1.0		1339
Ash (%)		1.0		873
Mooney Viscosity ML (1+4) @ 100°C	45	65	55	404
Bound Acrylonitrile (%)	50.0	52.0	51.0	325
<i>Test Recipe Properties</i>				
ODR				1149
M _L (lbf·in)	5.7	23.2	14.5	1148
M _H (lbf·in)	27.5	53.1	40.3	
t _{S1} (min)	0.9	3.4	2.2	
t'90 (min)	12.1	27.2	19.7	
<i>Special Notes:</i> Refer to the appropriate SDS for proper safety, handling and storage instructions. Shelf Life - retest critical parameters 2 years after date of manufacture.				
<i>Reason for Issue:</i> 1) Update Format 2) Remove FDA clearance information from special notes.				