



Nipol[®] DN3350

Product Specification
Date Issued: 06/28/06
Supersedes: 12/27/02

Description: Nipol DN3350 is a copolymer of butadiene and acrylonitrile with medium oil resistance. Sufficient non-staining antioxidant is added during manufacture for normal storage conditions.

Packaging: Nipol DN3350 is packaged in 25 Kg (55.1 lb) or 17.5 Kg (38.6 lb) bales which are cream in color and free from foreign matter considered objectionable for normal applications.

Specification	Min.	Max.	Target	Zeon Test Procedure No. ⁽¹⁾
<i>Polymer Properties</i>				
Heat Loss (%)	0.0	1.0	0.5	1339
Ash (%)	0.0	0.8	0.5	873
Mooney Viscosity ML (1+4) @ 100°C	45	55	50	404
Bound Acrylonitrile (%)	32	34	33	325

Special Notes:

The ingredients comprising Nipol DN3350 are acceptable under FDA regulations: 175.105, 175.125, 176.170, 176.180, 177.1210 and 177.2600.

Refer to the appropriate MSDS for proper handling and storage instructions.

(1) Zeon Test Recipe No. 1149 and Test Procedures are available upon request.

(2) ASTM Designation: D2084

(3) Shelf Life - retest critical parameters 2 years from date of manufacture.

Reason for Issue: 1) Update Heat Loss from Max 0.7 2) Add Target values 3) Remove Rheology properties



Specification

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Date Issued: 07/24/2013

Supersedes: 03/15/2012

Product Name: Nipol 1052J

Product Description: Nipol 1052J is a general-purpose, intermediate-viscosity nitrile rubber that combines superior physical properties and solvent resistance. Recommended for industrial and automotive applications, transfer molded goods, footwear, etc.

Product Packaging: Nipol 1052J shall be in the form of cream-to-amber colored 38.6 lb (17.5 kg) bales free from foreign matter considered objectionable for normal applications.

Specifications

No	Product Characteristic	Procedure	Property	Unit	Specifications	
					Min	Max
1	Bound ACN	ZCI-T-010/NZ:R142C	Content	%	32.50	34.50
2	Ash Content	ZCI-T-005/NZ:R100A	Content	%	-	0.80
3	Appearance	NZ:R007B			-	-
4	Mooney Viscosity (ML1+4/100°C)	ZCI-T-003/NZ:R007B	Viscosity	MU	41.0	51.0
5	HEAT LOSS %	NZ:R001B			-	1.00

Special Notes

FDA Information: For specific information, please make an inquiry to productstewardship@zeonchemicals.com

SDS Disclaimer: Refer to the appropriate SDS for safety, handling and storage instructions.

Test Proc. Disclaimer: Zeon Test Procedures available upon request.

Change Notification: No significant change in manufacturing site location, raw material(s), raw material supplier(s), testing methods, test equipment, test facilities, manufacturing location, manufacturing process, and / or manufacturing equipment shall occur without notification.

Shelf Life: Retest critical parameters 3 years after date of manufacture.

Revision Summary: 1) Name Change (formerly N32) 2) Update Packaging Information

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Nipol® 1312LV

Product Specification
 Date Issued: 08/22/06
 Supersedes: 11/16/00

Description: Nipol 1312LV is a copolymer of butadiene and acrylonitrile with medium oil resistance in liquid form. Sufficient non-staining antioxidant is added during manufacture for normal storage conditions.

<i>Packaging:</i> Nipol 1312LV is a viscous liquid and is amber-to-light brown in color available in 425 pound drums and shall be free from foreign material considered objectionable for normal applications.				
Specification	Min.	Max.	Target	Zeon Test Procedure No. ⁽¹⁾
<i>Polymer Properties</i>				
Heat Loss (%)		0.5	0.2	362
Ash (%)		0.5	0.2	873 (ASTM D-1416)
Brookfield Viscosity (cps @ 50°C)	9,000	16,000	13,000	170
Bound Acrylonitrile (%)	25.0	28.0	26.5	325
<i>Special Notes:</i> The ingredients comprising Nipol 1312LV are acceptable under FDA regulations 175.105 and 177.2600 at up to 50% of product weight. Refer to MSDS No. 3 for proper handling and storage instructions (1) Zeon Test Procedures are available upon request (2) Shelf Life - retest critical parameters 2 years after date of manufacture				
<i>Reason for Issue:</i> 1) Add targets.				



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Sivic® Z2710

Product Specification
Date Issued: 09/21/11
Supersedes: 01/10/05

Description: Sivic Z2710 is a fully fluxed polyblend of 33% ACN NBR/PVC/Plasticizer (60/40/70). It is produced via a mechanical technology, which provides a lump-free homogenous polymer.

<i>Packaging:</i> Sivic Z2710 shall be supplied in the form of light amber colored slabs free from foreign material considered objectionable for normal applications. Net weight per unit: 2204 lbs (1 MT).			
Specification	Min.	Max.	Test Procedure No. ⁽¹⁾
<i>Polymer Properties</i>			
Mooney Viscosity, ML (1+4) @ 100°C	16	26	ISO 289
Specific Gravity	1.04	1.095	ISO 2781
PVC Content %	23.10	23.70	M010L084
<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. ⁽¹⁾ Test Procedures are available upon request.			
<i>Reason for Issue:</i> 1) Specific Gravity Max. changed from 1.06 2) Add PVC Content 3) Update Special Notes format			

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