



Nipol<sup>®</sup> AR12

Product Specification

Date Issued: 08/22/05

Supersedes: 11/07/03

**Description:** Nipol AR12 acrylic elastomer contains one or more acrylic esters with a small percentage of a proprietary cure site. Vulcanizates have excellent oil, heat and compression resistance.

<b>Packaging:</b> The standard unit is a 2204 lbs. (1 mt) cell box containing thirty-six 55.1 lbs. (25 kg.) bales. These bales are individually packaged in paper bags.				
Specification	Min.	Max.	Target	Zeon Test Procedure No. <sup>(1)</sup>
<i>Polymer Properties</i>	0.0 0.0 30	1.0 0.4 36	33	R-001A R-007B / R-012A
Heat Loss (%)				
Ash (%)				
Mooney Viscosity ML (1+4) @ 100°C				
<i>Test Recipe Properties</i>	TBD TBD	TBD TBD	210 8.8	R-311A / R-350C
Cure Conditions (60 min @ 155°C)				
Elongation (%) Tensile Strength (MPa)				
<b>Special Notes:</b> Refer to the appropriate MSDS for proper safety, handling, and storage instructions. (1) Zeon Test Recipe and Test Procedures are available upon request (2) Shelf Life – retest critical parameters 2 years after date of manufacture (3) To Be Determined when sufficient quality data is available				
<b>Reason for Issue:</b> 1) Revise to include all properties currently being tested and reported on the Certificate of Analysis by the manufacturer.				

