



Zetpol® 2010L

Product Specification
 Date Issued: 05/12/10
 Supersedes: 09/20/01

Description: Zetpol 2010L is a low-Mooney version of a highly saturated copolymer of butadiene and acrylonitrile with high tensile strength, good heat resistance, good chemical resistance to aggressive fluids, and an excellent balance of properties over a wide variation of temperatures.

<i>Packaging:</i> Zetpol 2010L shall be in the form of dark amber to black-brown colored 25 kg (55.1 lb) bales free from foreign material considered objectionable for normal applications.			
Specification	Min.	Max.	Test Procedure No. ⁽¹⁾
<i>Polymer Properties</i>			
Bound Acrylonitrile (%)	34.9	37.5	ZCI-T-010
Ash (%)		0.5	ZCI-T-005
Heat Loss (%)		0.5	ZCI-T-002
Iodine Value (mg/100mg)	8.0	14.0	ZCI-T-004
Mooney Viscosity ML (1+4) @ 100°C	50.5	64.5	ZCI-T-003
<i>Test Recipe Properties ⁽²⁾</i>			
Tensile, psi (MPa)	2828 (19.5)		ZCI-T-008
Elongation (%)	350		ZCI-T-008
Modulus @ 300% Elongation, psi (MPa)	1421 (9.8)		ZCI-T-008
Hardness (Shore A)	62		ZCI-T-009
Special Notes: Refer to appropriate MSDS for proper handling instructions.			
Shelf Life - retest critical parameters 3 years after the date of manufacture.			
(1) Zeon Test Procedures are available upon request.			
(2) Test Recipe:			
	Zetpol 2010L	100	
	Sterling NS (SRF)	40	
	Zinc Oxide #1	5	
	Varox 802-40KE	5	
Reason for Issue: 1) Update Special Notes format			

