

Zeon Chemicals Zetpol® ZCS 2395 Hydrogenated Nitrile Elastomer

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

Material Notes:

Zeoforte® ZSC 2395 is a highly saturated copolymer of butadiene and acrylonitrile, which has been modified with the zinc salt of methacrylic acid. ZSC 2395 has excellent physical properties and abrasion resistance over a wide variation of temperatures. Zetpol 2030L modified with zinc oxide and methacrylic acid for outstanding tensile, tear, abrasion, and high elongation at high hardness (Shore A>95). Excellent strength and durability with low hysteresis for roll covers and other high-load applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zetpol-ZCS-2395-Hydrogenated-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	
Iodine Absorption Number	51.8 - 61.4	51.8 - 61.4	mg/100mg; R-133A
Mooney Viscosity	60 - 80 @Temperature 100 °C	60 - 80 @Temperature 212 °F	(1+4); R-007B

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	92 - 98	92 - 98	R-351A
Tensile Strength at Break	>= 33.29 MPa	>= 4829 psi	R-350A
Elongation at Break	>= 140 %	>= 140 %	R-350A
Elongation at Yield	140 %	140 %	
Tensile Modulus	0.0245 GPa	3.55 ksi	

Descriptive Properties	Value	Comments
Bound ACN (% acrylonitrile)	34.9-37.5	

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