

Zeon Chemicals Zetpol® 2000 Hydrogenated Nitrile Elastomer

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

Material Notes:

Zetpol 2000 is a highly saturated copolymer of butadiene and acrylonitrile with high tensile strength, excellent heat resistance, good chemical resistance to aggressive fluids, and an excellent balance of properties over a wide variation of temperatures. For O-rings, gaskets, seals, or oil field components requiring the best heat and ozone resistance. FDA approved.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zetpol-2000-Hydrogenated-Nitrile-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
Iodine Absorption Number	<= 7.0	<= 7.0	mg/100mg; ZCI-T-004
Mooney Viscosity	78 - 92 @Temperature 100 °C	78 - 92 @Temperature 212 °F	(1+4); ZCI-T-003
Ash	<= 0.50 %	<= 0.50 %	ZCI-T-005

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 62	>= 62	ZCI-T-009
Tensile Strength at Break	>= 19.50 MPa	>= 2828 psi	ZCI-T-008
Elongation at Break	>= 350 %	>= 350 %	ZCI-T-008
300% Modulus	>= 0.008798 GPa	>= 1.276 ksi	ZCI-T-008

Descriptive Properties	Value	Comments
% HYD	>99.5	
Bound ACN (% , acrylonitrile)	34.9-37.5	
Heat Loss (%) Max	0.5	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China