

Zeon Chemicals Zetpol® 2020 Hydrogenated Nitrile Elastomomer

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

Material Notes:

Zetpol 2020 is 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. For seals, rolls, belts, and oil field components. Provides excellent balance between static heat resistance and dynamic hysteresis. FDA approved.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zetpol-2020-Hydrogenated-Nitrile-Elastomomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 g/cc	0.950 g/cc	
Iodine Absorption Number	24.2 - 31.8	24.2 - 31.8	mg/100mg; ZCI-T-004
Mooney Viscosity	71 - 85 @Temperature 100 °C	71 - 85 @Temperature 212 °F	(1+4); ZCI-T-003
Ash	<= 0.50 %	<= 0.50 %	ZCI-T-005

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67 - 75	67 - 75	ZCI-T-009
Tensile Strength at Break	20.0 - 30.0 MPa	2900 - 4350 psi	ZCI-T-008
Elongation at Break	400 - 500 %	400 - 500 %	ZCI-T-008
300% Modulus	0.01250 - 0.01650 GPa	1.813 - 2.393 ksi	ZCI-T-008

Descriptive Properties	Value	Comments
% HYD	91	
Bound ACN (% acrylonitrile)	34.9-37.5	
Heat Loss (%) Max	0.5	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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