

Zeon Chemicals Zetpol® 2010H Hydrogenated Nitrile Elastomer

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

Material Notes:

Zetpol 2010H is a high-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. High Mooney version of Zetpol 2010. Offers excellent compression set. FDA approved.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zeon-Chemicals-Zetpol-2010H-Hydrogenated-Nitrile-Elastomer.php

| Physical Properties | Metric | English | Comments |
|--------------------------|-------------------------------|-------------------------------|---------------------|
| Specific Gravity | 0.950 g/cc | 0.950 g/cc | |
| Iodine Absorption Number | 8.0 - 14 | 8.0 - 14 | mg/100mg; ZCI-T-004 |
| Mooney Viscosity | >= 120 @Temperature 100 °C | >= 120 @Temperature 212 °F | (1+4); ZCI-T-003 |
| Ash | <= 0.50 % | <= 0.50 % | ZCI-T-005 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------------|--------------|----------|
| Hardness, Shore A | >= 60 | >= 60 | R-351A |
| Tensile Strength at Break | >= 19.61 MPa | >= 2844 psi | R-350A |
| Elongation at Break | >= 200 % | >= 200 % | R-350A |
| 300% Modulus | >= 0.01471 GPa | >= 2.133 ksi | R-350A |

| Descriptive Properties | Value | Comments |
|-------------------------------|-----------|----------|
| % HYD | 96 | |
| 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