

Precision Polymer Engineering R40Z Natural Rubber

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

Material Notes:

Natural Rubber, 35-45 °IRHD. Formulated to meet BS1154 Grade Z40. In accordance with BS1154 this material is based on high-quality plantation (Hevea) rubber, reinforced with carbon black. Applications: Natural rubber offers low compression set, high tensile strength, high resilience and excellent resistance to tear and abrasion.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-R40Z-Natural-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	°IRHD; ASTM D1415
Tensile Strength, Yield	17.1 MPa	2480 psi	-10% change after 168 hours @ 70°C; ASTM D412
	19.0 MPa	2760 psi	ASTM D412
Elongation at Break	510 %	510 %	-15% change after 168 hours @ 70°C; ASTM D412
	600 %	600 %	ASTM D412
Compression Set	30 %	30 %	24 hours @ 70°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-50.0 °C	-58.0 °F	
Flash Point	>= 300 °C	>= 572 °F	

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