

## Precision Polymer Engineering R80Z Natural Rubber

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

### Material Notes:

Natural Rubber, 75-85 °IRHD. Formulated to meet BS1154 Grade Z80. 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-R80Z-Natural-Rubber.php](http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-R80Z-Natural-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	°IRHD; ASTM D1415
Tensile Strength, Yield	9.00 MPa	1310 psi	-10% change after 168 hours @ 70°C; ASTM D412
	10.0 MPa	1450 psi	ASTM D412
Elongation at Break	170 %	170 %	-15% change after 168 hours @ 70°C; ASTM D412
	200 %	200 %	ASTM D412
Compression Set	40 %	40 %	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.

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