

Precision Polymer Engineering P70B Polyacrylate Rubber

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

Material Notes:

Polyacrylic or Polyacrylate Rubber, 65-75 °IRHD. Copolymer of ethyl acrylate and vinyl ether. ASTM & ISO designation = ACM. Applications: Extensively used in automotive transmission systems. Superior resistance to heat and deterioration by hot hydraulic oil, when compared to nitrile rubber. Resistance to weathering and ozone is good, but resistance to water is relatively poor.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Precision-Polymer-Engineering-P70B-Polyacrylate-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	°IRHD; ASTM D1415
	75	75	°IRHD, +5 change after 70 hours @ 150°C; ASTM D1415
Tensile Strength, Yield	13.8 MPa	2000 psi	ASTM D412
	14.766 MPa	2141.6 psi	7% change after 70 hours @ 150°C; ASTM D412
Elongation at Break	237 %	237 %	-21% change after 70 hours @ 150°C; ASTM D412
	300 %	300 %	ASTM D412
Compression Set	26 %	26 %	70 hours @ 150°C; ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	
	-20.0 °C	-4.00 °F	T10
Flash Point	>= 250 °C	>= 482 °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