

Seals Eastern 7352D Nano-PTFE Filled Fluoroelastomer

Category : Polymer , Thermoset , Filled/Reinforced Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Nano-PTFE filled fluoroelastomer for low wear in hot dynamic applications Information provided by Seals Eastern.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-7352D-Nano-PTFE-Filled-Fluoroelastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 80	>= 80	ASTM D2240
	90	90	Average; ASTM D2240
Tensile Strength	>= 17.2 MPa	>= 2500 psi	ASTM D412 Method A
	18.6 MPa	2700 psi	Average; ASTM D412 Method A
Tensile Stress	2.59 MPa	375 psi	Average; ASTM D412 Method A
	@Strain 25.0 %	@Strain 25.0 %	
	>= 3.31 MPa	>= 480 psi	ASTM D412 Method A
	@Strain 50.0 %	@Strain 50.0 %	
	3.34 MPa	485 psi	Average; ASTM D412 Method A
	@Strain 50.0 %	@Strain 50.0 %	
	>= 4.83 MPa	>= 700 psi	ASTM D412 Method A
	@Strain 100 %	@Strain 100 %	
Elongation at Break	4.90 MPa	710 psi	Average; ASTM D412 Method A
	@Strain 100 %	@Strain 100 %	
	>= 290 %	>= 290 %	ASTM D412 Method A
	320 %	320 %	
Modulus of Elasticity	0.01991 GPa	2.887 ksi	Calculated; ASTM D412 Method A
Shear Modulus	0.00663 GPa	0.962 ksi	Calculated; ASTM D412 Method A
Secant Modulus	0.01862 GPa	2.701 ksi	ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.3 Â°C	200 Â°F	

Processing Properties	Metric	English	Comments
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Processing Properties	Metric ^{en} th	English ^{en} th	Comments
Descriptive Properties		Value	Comments
Strain Energy/ Unit Volume at 20% Elongation (psi)		51	ASTM D412 Method A

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