

Seals Eastern 5753 Fluorocarbon-Elastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Features:MIL-SpecFKM general serviceInformation provided by Seals Eastern.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-5753-Fluorocarbon-Elastomer.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 62	>= 62	ASTM D2240
	67	67	Average; ASTM D2240
Tensile Strength	>= 7.136 MPa	>= 1035 psi	ASTM D412 Method A
	10.58 MPa	1534 psi	Average; ASTM D412 Method A
Tensile Stress	1.14 MPa	166 psi	Average; ASTM D412 Method A
	@Strain 25.0 %	@Strain 25.0 %	
	>= 1.23 MPa	>= 178 psi	ASTM D412 Method A
	@Strain 50.0 %	@Strain 50.0 %	
	1.72 MPa	249 psi	Average; ASTM D412 Method A
	@Strain 50.0 %	@Strain 50.0 %	
	>= 1.89 MPa	>= 274 psi	ASTM D412 Method A
	@Strain 100 %	@Strain 100 %	
	3.00 MPa	435 psi	Average; ASTM D412 Method A
	@Strain 100 %	@Strain 100 %	
Elongation at Break	>= 194 %	>= 194 %	ASTM D412 Method A
	267 %	267 %	Average; ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-20.0 Â°C	-4.00 Â°F	ASTM D1329

Descriptive Properties	Value	Comments
Strain Energy/ Unit Volume at 20% Elongation (psi)	18	ASTM D412 Method A

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