

Seals Eastern 7189 Ethylene-Propylene Rubber

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

Material Notes:

General service EPDM Information provided by Seals Eastern, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-7189-Ethylene-Propylene-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 50	>= 50	ASTM D2240, Type A
	53	53	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 6.84 MPa	>= 992 psi	ASTM D412 Method A
	9.866 MPa	1431 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	>= 0.607 MPa	>= 88.0 psi	Stress at Elongation M50; ASTM D412 Method A
	>= 1.06 MPa	>= 154 psi	Stress at Elongation M100; ASTM D412 Method A
	1.10 MPa	159 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	1.81 MPa	263 psi	AVG Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	>= 363 %	>= 363 %	ASTM D412 Method A
	409 %	409 %	AVG; ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-51.1 Â°C	-60.0 Â°F	ASTM D1329

Descriptive Properties	Value	Comments
Strain Energy / Unit Volume at 20% Elongation (psi)	17	

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