

Seals Eastern 4503 Natural Rubber

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

Material Notes:

General purpose Natural Rubber Information provided by Seals Eastern, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-4503-Natural-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 60	>= 60	ASTM D2240, Type A
	75	75	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 8.55 MPa	>= 1240 psi	ASTM D412 Method A
	13.78 MPa	1998 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	>= 1.13 MPa	>= 164 psi	Stress at Elongation M50; ASTM D412 Method A
	1.50 MPa	217 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	>= 2.10 MPa	>= 305 psi	Stress at Elongation M100; ASTM D412 Method A
	3.29 MPa	477 psi	AVG Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	>= 284 %	>= 284 %	ASTM D412 Method A
	325 %	325 %	AVG; ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-72.8 Â°C	-99.0 Â°F	ASTM D1329

Descriptive Properties	Value	Comments
Strain Energy / Unit Volume at 20% Elongation (psi)	15	

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