

Seals Eastern 5242 Neoprene / Chloroprene

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

Material Notes:

General purpose neoprene information provided by Seals Eastern, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-5242-Neoprene-Chloroprene.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.44 g/cc	1.44 g/cc	ASTM D297, 15

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 58	>= 58	ASTM D2240, Type A
	65	65	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 13.50 MPa	>= 1958 psi	ASTM D412 Method A
	16.15 MPa	2343 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	>= 1.06 MPa	>= 154 psi	Stress at Elongation M50; ASTM D412 Method A
	1.39 MPa	202 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	>= 1.87 MPa	>= 271 psi	Stress at Elongation M100; ASTM D412 Method A
	2.62 MPa	380 psi	AVG Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	264 %	264 %	AVG; ASTM D412 Method A
	>= 291 %	>= 291 %	ASTM D412 Method A
Modulus of Elasticity	0.00574 GPa	0.832 ksi	ASTM D412 Method A
Shear Modulus	0.00191 GPa	0.277 ksi	ASTM D412 Method A
Secant Modulus	0.00539 GPa	0.782 ksi	ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-40.0 Å°C	-40.0 Å°F	ASTM D1329

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

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