

Seals Eastern 5488 Nitrile Rubber

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Low temperature service Nitrile; plasticizer free Information provided by Seals Eastern, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Seals-Eastern-5488-Nitrile-Rubber.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 75	>= 75	ASTM D2240, Type A
	85	85	AVG; ASTM D2240, Type A
	90	90	After Dry Heat Aging; ASTM D865
	@Temperature 100 Â°C, Time 252000 sec	@Temperature 212 Â°F, Time 70.0 hour	
Tensile Strength at Break	>= 13.8 MPa	>= 2000 psi	ASTM D412 Method A
	21.02 MPa	3048 psi	AVG; ASTM D412 Method A
	21.06 MPa	3054 psi	ASTM D865
	@Temperature 100 Â°C, Time 252000 sec	@Temperature 212 Â°F, Time 70.0 hour	
Tensile Strength, Yield	>= 4.14 MPa	>= 600 psi	Stress at Elongation M50; ASTM D412 Method A
	5.41 MPa	784 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	>= 10.3 MPa	>= 1500 psi	Stress at Elongation M100; ASTM D412 Method A
	12.51 MPa	1814 psi	AVG Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	>= 150 %	>= 150 %	ASTM D412 Method A
	172 %	172 %	AVG; ASTM D412 Method A
	189.2 %	189.2 %	ASTM D865
	@Temperature 100 Â°C, Time 252000 sec	@Temperature 212 Â°F, Time 70.0 hour	
Compression Set	4.0 %	4.0 %	ASTM D395, Test B
	@Temperature 100 Â°C, Time 79200 sec	@Temperature 212 Â°F, Time 22.0 hour	
	9.0 %	9.0 %	ASTM D395, Test B
	@Temperature 100 Â°C,	@Temperature 212 Â°F,	

Mechanical Properties	Time 252000 sec Metric	Time 70.0 hour English	Comments
Processing Properties	Metric	English	Comments
Shelf Life	120 Month	120 Month	ASTM D395, Test B

Descriptive Properties	Value	Comments
Strain Energy / Unit Volume at 20% Elongation (psi)	39	

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