

## Seals Eastern 5487 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-5487-Nitrile-Rubber.php](http://www.lookpolymers.com/polymer_Seals-Eastern-5487-Nitrile-Rubber.php)

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	21.43 MPa	3108 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	2.68 MPa	388 psi	Stress at Elongation M50; ASTM D412 Method A
	6.01 MPa	871 psi	Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	353 %	353 %	AVG; ASTM D412 Method A
Modulus of Elasticity	0.01022 GPa	1.483 ksi	ASTM D412 Method A
Shear Modulus	0.00341 GPa	0.494 ksi	ASTM D412 Method A
Secant Modulus	0.009611 GPa	1.394 ksi	ASTM D412 Method A

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-31.7 Â°C	-25.0 Â°F	ASTM D1329

Descriptive Properties	Value	Comments
Strain Energy / Unit Volume at 20% Elongation (psi)	26	

## Contact Songhan Plastic Technology Co.,Ltd.

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