

## Seals Eastern 7240 Ethylene-Propylene Rubber

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

**Material Notes:**

Potable water service. Chloramine resistant. Information provided by Seals Eastern, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Seals-Eastern-7240-Ethylene-Propylene-Rubber.php](http://www.lookpolymers.com/polymer_Seals-Eastern-7240-Ethylene-Propylene-Rubber.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 48	>= 48	ASTM D2240, Type A
	52	52	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 6.16 MPa	>= 893 psi	ASTM D412 Method A
	10.09 MPa	1463 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	0.614 MPa	89.0 psi	AVG Stress at Elongation M25; ASTM D412 Method A
	>= 0.779 MPa	>= 113 psi	Stress at Elongation M50; ASTM D412 Method A
	0.958 MPa	139 psi	AVG Stress at Elongation M50; ASTM D412 Method A
	>= 1.24 MPa	>= 180 psi	Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	1.70 MPa	246 psi	AVG Stress at Elongation M100; ASTM D412 Method A
	>= 206 %	>= 206 %	ASTM D412 Method A
	322 %	322 %	AVG; ASTM D412 Method A
Modulus of Elasticity	0.00402 GPa	0.583 ksi	ASTM D412 Method A
Shear Modulus	0.00134 GPa	0.194 ksi	ASTM D412 Method A
Secant Modulus	0.00378 GPa	0.548 ksi	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)	10	

**Contact Songhan Plastic Technology Co.,Ltd.**

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