

## Seals Eastern 7204 Ethylene-Propylene Rubber

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

### Material Notes:

Y267-Type EPDM for geothermal steam service. Ultra-Low compression set. Information provided by Seals Eastern, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Seals-Eastern-7204-Ethylene-Propylene-Rubber.php](http://www.lookpolymers.com/polymer_Seals-Eastern-7204-Ethylene-Propylene-Rubber.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.121 g/cc	1.121 g/cc	ASTM D297, 15

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	>= 85	>= 85	ASTM D2240, Type A
	92	92	AVG; ASTM D2240, Type A
Tensile Strength at Break	>= 13.1 MPa	>= 1900 psi	ASTM D412 Method A
	15.29 MPa	2218 psi	AVG; ASTM D412 Method A
Tensile Strength, Yield	8.322 MPa	1207 psi	Stress at Elongation M25; ASTM D412 Method A
	11.85 MPa	1719 psi	Stress at Elongation M50; ASTM D412 Method A
	13.80 MPa	2001 psi	Stress at Elongation M100; ASTM D412 Method A
Elongation at Break	>= 80 %	>= 80 %	ASTM D412 Method A
	85 %	85 %	AVG; ASTM D412 Method A
Modulus of Elasticity	0.02974 GPa	4.314 ksi	ASTM D412 Method A
Shear Modulus	0.009915 GPa	1.438 ksi	ASTM D412 Method A
Secant Modulus	0.02797 GPa	4.056 ksi	ASTM D412 Method A
Tear Strength Test	146	146	(psi); ASTM D624, Die B
Compression Set	13 %	13 %	ASTM D395, Test B
	@Temperature 125 Â°C, Time 252000 sec	@Temperature 257 Â°F, Time 70.0 hour	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	191 Â°C	375 Â°F	ASTM D1329
Glass Transition Temp, Tg	-51.1 Â°C	-60.0 Â°F	ASTM D1329

Thermal Properties	Metric	English	Comments
Descriptive Properties			Value      Comments
Strain Energy / Unit Volume at 20% Elongation (psi)			119

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China