

## Eurofoam Porocell POR 304 CM-S EPDM Foam

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

### Material Notes:

Ethylene Propylene Diene Monomer Foam. Used for thermal insulation and soundproofing, antivibration and waterproofing; different types of gaskets. Information provided by Eurofoam s.r.l.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurofoam-Porocell-POR-304-CM-S-EPDM-Foam.php](http://www.lookpolymers.com/polymer_Eurofoam-Porocell-POR-304-CM-S-EPDM-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.0600 - 0.100 g/cc	0.00217 - 0.00361 lb/in <sup>3</sup>	ISO 845-88
Water Absorption	0.50 %	0.50 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	30 - 40	30 - 40	ASTM D 2240
Tensile Strength	0.320 MPa	46.4 psi	ASTM D 412
Elongation at Break	>= 150 %	>= 150 %	ASTM D 412
Compressive Yield Strength	0.0200 MPa @Strain 25.0 %	2.90 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.200 kN/m	1.14 pli	ASTM D 624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	95.0 °C	203 °F	ASTM D 3575
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	ASTM D 3575
Shrinkage	<= 5.0 % @Temperature 70.0 °C, Time 605000 sec	<= 5.0 % @Temperature 158 °F, Time 168 hour	Linear; ASTM D 1204

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Color	Black	
Declaration of Heavy Metal Absence	Conform	RoHS2002/95/EC
Fire Resistance	MV22 302	Pass

Vulcanization Descriptive Properties	Peroxide Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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