

## Eurofoam Porocell POR 302/T-E NBR/PVC Foam

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

### Material Notes:

Acrylonitrile butadiene and polyvinyl chloride foam rubber. 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-302T-E-NBRPVC-Foam.php](http://www.lookpolymers.com/polymer_Eurofoam-Porocell-POR-302T-E-NBRPVC-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.120 - 0.180 g/cc	0.00434 - 0.00650 lb/in <sup>3</sup>	ISO 845-88
Water Absorption	<= 5.0 %	<= 5.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	45 - 55	45 - 55	ASTM D 2240
Tensile Strength	1.00 MPa	145 psi	ASTM D 412
Elongation at Break	>= 180 %	>= 180 %	ASTM D 412
Compressive Yield Strength	0.0510 MPa @Strain 25.0 %	7.40 psi @Strain 25.0 %	ASTM 1056/85
	0.0950 MPa @Strain 50.0 %	13.8 psi @Strain 50.0 %	ASTM 1056/85
Tear Strength	0.380 kN/m	2.17 pli	ASTM D 624
Compression Set	15 % @Strain 50.0 %	15 % @Strain 50.0 %	ASTM D 395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	ASTM D 3575
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	ASTM D 3575
Flammability, UL94	HB	HB	HBF
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
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Descriptive Properties	Value	Comments
Color	Black	
Declaration of Heavy Metal Absence	Conform	RoHS2002/95/EC
UL Flammability	HBF	
Vulcanization	Peroxide	

## Contact Songhan Plastic Technology Co.,Ltd.

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