

Eurofoam Porocell POR 304 B 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-B-EPDM-Foam.php

Physical Properties	Metric	English	Comments
Density	0.110 - 0.150 g/cc	0.00397 - 0.00542 lb/in ³	ISO 845-88
Water Absorption	<= 3.0 %	<= 3.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	50 - 60	50 - 60	ASTM D 2240
Tensile Strength	0.600 MPa	87.0 psi	ASTM D 412
Elongation at Break	>= 120 %	>= 120 %	ASTM D 412
Compressive Yield Strength	0.0420 MPa @Strain 25.0 %	6.09 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.450 kN/m	2.57 pli	ASTM D 624

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
Shrinkage	<= 4.0 % @Temperature 70.0 °C, Time 605000 sec	<= 4.0 % @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	Sulfur Value	Comments
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