

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

Physical Properties	Metric	English	Comments
Density	0.0850 - 0.115 g/cc	0.00307 - 0.00415 lb/in ³	ISO 845-88

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	7.0 - 13	7.0 - 13	ASTM D 2240
Tensile Strength	0.100 MPa	14.5 psi	ASTM D 412
Elongation at Break	>= 100 %	>= 100 %	ASTM D 412
Compressive Yield Strength	0.00230 MPa	0.334 psi	ASTM 1056/85
	@Strain 25.0 %	@Strain 25.0 %	
	0.00380 MPa	0.551 psi	ASTM 1056/85
	@Strain 50.0 %	@Strain 50.0 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	ASTM D 3575
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	ASTM D 3575
Shrinkage	<= 1.0 %	<= 1.0 %	Linear; ASTM D 1204
	@Temperature 70.0 °C, Time 605000 sec	@Temperature 158 °F, Time 168 hour	

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

Descriptive Properties	Value	Comments
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