

Eurofoam Porocell POR 301/F NR-SBR Foam

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

Material Notes:

Natural and styrene butadiene rubber 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-301F-NR-SBR-Foam.php

Physical Properties	Metric	English	Comments
Density	0.100 - 0.140 g/cc	0.00361 - 0.00506 lb/in ³	ISO 845-88
Water Absorption	<= 5.0 %	<= 5.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	40 - 50	40 - 50	ASTM D 2240
Tensile Strength	0.500 MPa	72.5 psi	ASTM D 412
Elongation at Break	>= 100 %	>= 100 %	ASTM D 412
Compressive Yield Strength	0.0500 MPa @Strain 25.0 %	7.25 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.400 kN/m	2.28 pli	ASTM D 624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	80.0 °C	176 °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
Vulcanization	Peroxide	

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