

Eurofoam Porocell 251 BG 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-251-BG-NBRPVC-Foam.php

Physical Properties	Metric	English	Comments
Density	0.150 - 0.190 g/cc	0.00542 - 0.00686 lb/in ³	ISO 845-88
Water Absorption	<= 1.5 %	<= 1.5 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	55 - 65	55 - 65	ASTM D 2240
Tensile Strength	0.320 MPa	46.4 psi	ASTM D 412
Elongation at Break	>= 220 %	>= 220 %	ASTM D 412
Compressive Yield Strength	0.0670 MPa @Strain 25.0 %	9.72 psi @Strain 25.0 %	ASTM 1056/85

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	90.0 °C	194 °F	ASTM D 3575
Minimum Service Temperature, Air	-20.0 °C	-4.00 °F	ASTM D 3575

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Color	Black, White	
Declaration of Heavy Metal Absence	Conform	RoHS2002/95/EC
Vulcanization	Peroxide	

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