

Eurofoam Evacell EVA 100 EVA + PE Foam

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Polyethylene (PE)

Material Notes:

Foamed polyethylene charged with EVA, with extremely fine cells, excellent elasticity, resilience and mechanical resistance. It can be thermoformed several times. It has completely closed cells, dielectric properties and good insulating properties. It is resistant to UVA radiation. It can be silk-screened and thermoformed. Information provided by Eurofoam s.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurofoam-Evacell-EVA-100-EVA-PE-Foam.php

Physical Properties	Metric	English	Comments
Density	0.0800 - 0.100 g/cc	0.00289 - 0.00361 lb/in ³	ISO 845-88
Water Absorption	<= 3.0 %	<= 3.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	70 - 80	70 - 80	ASTM D 2240
Tensile Strength	1.30 MPa	189 psi	ASTM D 412
Elongation at Break	>= 130 %	>= 130 %	ASTM D 412
Compressive Yield Strength	0.0900 MPa @Strain 25.0 %	13.1 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.330 kN/m	1.88 pli	ASTM D 624
Compression Set	10 % @Strain 25.0 %	10 % @Strain 25.0 %	ASTM D 395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	70.0 °C	158 °F	ASTM D 3575
Minimum Service Temperature, Air	-10.0 °C	14.0 °F	ASTM D 3575

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Declaration of Heavy Metal Absence	Conform	RoHS2002/95/EC

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