

## Eurofoam Evacell XM 2001 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-XM-2001-EVA-PE-Foam.php](http://www.lookpolymers.com/polymer_Eurofoam-Evacell-XM-2001-EVA-PE-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.0450 - 0.0650 g/cc	0.00163 - 0.00235 lb/in <sup>3</sup>	ISO 845-88
Water Absorption	<= 5.0 %	<= 5.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	55 - 65	55 - 65	ASTM D 2240
Tensile Strength	0.400 MPa	58.0 psi	ASTM D 412
Elongation at Break	>= 150 %	>= 150 %	ASTM D 412
Compressive Yield Strength	0.0700 MPa @Strain 25.0 %	10.2 psi @Strain 25.0 %	ASTM 1056/85
	0.150 MPa @Strain 50.0 %	21.8 psi @Strain 50.0 %	ASTM 1056/85
Tear Strength	0.240 kN/m	1.37 pli	ASTM D 624
Compression Set	16 % @Strain 25.0 %	16 % @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	-30.0 °C	-22.0 °F	ASTM D 3575

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Color	Grey	

Declaration of Heavy Metal Absence Descriptive Properties	Conform Value	RoHS2002/95/EC Comments
Fire Resistance	MV22 302	Pass

## Contact Songhan Plastic Technology Co.,Ltd.

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