

## Eurofoam Evacell EVA 50/S EVA + NR Foam

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

### 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-50S-EVA-NR-Foam.php](http://www.lookpolymers.com/polymer_Eurofoam-Evacell-EVA-50S-EVA-NR-Foam.php)

Physical Properties	Metric	English	Comments
Density	0.0400 - 0.0600 g/cc	0.00145 - 0.00217 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	40 - 50	40 - 50	ASTM D 2240
Tensile Strength	0.600 MPa	87.0 psi	ASTM D 412
Elongation at Break	>= 200 %	>= 200 %	ASTM D 412
Compressive Yield Strength	0.0300 MPa @Strain 25.0 %	4.35 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.350 kN/m	2.00 pli	ASTM D 624
Compression Set	15 % @Strain 25.0 %	15 % @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
Shrinkage	<= 3.0 % @Temperature 70.0 °C, Time 605000 sec	<= 3.0 % @Temperature 158 °F, Time 168 hour	Linear; ASTM D 1204

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Color	Black	

## Contact Songhan Plastic Technology Co.,Ltd.

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