

Eurofoam Polycell PLZ 45 Polyethylene Foam

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Information provided by Eurofoam s.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurofoam-Polycell-PLZ-45-Polyethylene-Foam.php

Physical Properties	Metric	English	Comments
Density	0.0400 - 0.0500 g/cc	0.00145 - 0.00181 lb/in ³	ISO 845-88
Water Absorption	0.30 %	0.30 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	57 - 67	57 - 67	ASTM D 2240
Tensile Strength	0.600 MPa	87.0 psi	ASTM D 412
Elongation at Break	>= 150 %	>= 150 %	ASTM D 412
Compressive Yield Strength	0.0500 MPa @Strain 25.0 %	7.25 psi @Strain 25.0 %	ASTM 1056/85
Tear Strength	0.640 kN/m	3.65 pli	ASTM D 624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	110 °C	230 °F	ASTM D 3575
Minimum Service Temperature, Air	-70.0 °C	-94.0 °F	ASTM D 3575
Shrinkage	<= 8.0 % @Temperature 70.0 °C, Time 605000 sec	<= 8.0 % @Temperature 158 °F, Time 168 hour	Linear; ASTM D 1204

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

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China