

Eurofoam Siliconcell 411/PLT Platonic Silicone Foam

Category : Polymer , Thermoset , Silicone , Silicone Foam

Material Notes:

Excellent thermal insulation and soundproofing Information provided by Eurofoam s.r.l.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eurofoam-Siliconcell-411PLT-Platonic-Silicone-Foam.php

Physical Properties	Metric	English	Comments
Density	0.400 - 0.440 g/cc	0.0145 - 0.0159 lb/in ³	ISO 845-88
Water Absorption	<= 5.0 %	<= 5.0 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore 00	50 - 60	50 - 60	ASTM D 2240
Tensile Strength	0.150 MPa	21.8 psi	ASTM D 412
Elongation at Break	>= 300 %	>= 300 %	ASTM D 412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	ASTM D 3575
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	ASTM D 3575
Shrinkage	<= 5.0 % @Temperature 70.0 °C, Time 605000 sec	<= 5.0 % @Temperature 158 °F, Time 168 hour	Linear; ASTM D 1204

Compliance Properties	Metric	English	Comments
European Food 1935/2004	Yes	Yes	EU 90/128/EC
FDA	Yes	Yes	FDA N.177.2600

Descriptive Properties	Value	Comments
Cellular Structure	Closed	
Color	White	
Declaration of Heavy Metal Absence	Conform	RoHS2002/95/EC
UL Flammability	HF-1	

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