

Eurofoam Siliconcell 412/BT 130 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-412BT-130-Silicone-Foam.php

Physical Properties	Metric	English	Comments
Density	0.180 - 0.220 g/cc	0.00650 - 0.00795 lb/in ³	ISO 845-88
Water Absorption	12 %	12 %	ASTM D 1056

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	40 - 50	40 - 50	ASTM D 2240
Elongation at Break	>= 49 %	>= 49 %	ASTM D 412
Compression Set	3.0 % @Strain 25.0 %	3.0 % @Strain 25.0 %	ASTM D 395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	200 °C	392 °F	ASTM D 3575
Minimum Service Temperature, Air	-70.0 °C	-94.0 °F	ASTM D 3575
Flammability, UL94	V-0	V-0	
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

Descriptive Properties

Value

Comments

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