

BIW ASTM Class 2D2 Silicone Foam

Category : Polymer , Thermoset , Silicone , Silicone Foam

Material Notes:

Products are a closed cell foam and there fore good for use in damp or liquid applications. A variety of physical properties and foam qualities are available by adjusting the processing parameters. Information provided by BIW Isolierstoffe GmbH.

Order this product through the following link:

http://www.lookpolymers.com/polymer_BIW-ASTM-Class-2D2-Silicone-Foam.php

Physical Properties	Metric	English	Comments
Density	0.300 - 0.400 g/cc	0.0108 - 0.0145 lb/in ³	DIN 53479 A

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	7.0 - 13	7.0 - 13	DIN 53505
Compressive Yield Strength	0.0350 - 0.0650 MPa	5.08 - 9.43 psi	25% Compression
Compression Set	<= 60 % @Temperature 100 °C, Time 79200 sec	<= 60 % @Temperature 212 °F, Time 22.0 hour	50% Compression

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	180 °C	356 °F	Standard Quality, All Colors
	280 °C	536 °F	Highly Temperature Resistant Quality, Opaque, Grey, Blue
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	Standard Quality, All Colors
Flammability, UL94	V-0	V-0	Self-Extinguishing Quality, Brown

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0001 - 0.001 ohm-cm	0.0001 - 0.001 ohm-cm	Conductive Quality, Black

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