

BIW ASTM Class 2D1 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-2D1-Silicone-Foam.php

Physical Properties	Metric	English	Comments
Density	0.250 - 0.300 g/cc	0.00903 - 0.0108 lb/in³	DIN 53479 A

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	3 - 6	3 - 6	DIN 53505
Compressive Yield Strength	0.0150 - 0.0350 MPa	2.18 - 5.08 psi	25% Compression
Compression Set	<= 80 % @Temperature 100 °C, Time 79200 sec	<= 80 % @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

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