

Arlon T2020-R004 0.020" (0.508 mm) Cured Self-Fusing Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Description: 1 inch wide x 20 mil thick, Black, Triangular cross-section, Self-Fusing Silicone Tape
 Design/Construction: Interleave:
 Polyethylene Product: Cured Self-Fusing Silicone Rubber
 Cross-Section: Triangular Appearance: Red silicone rubber on polymer liner
 This data Represents typical values for the production material. The data should not be used to write, or in place of, material specifications.
 Information provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-T2020-R004-0020-0508-mm-Cured-Self-Fusing-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Arlon SQA-TMS-024
Water Absorption	0.20 %	0.20 %	Arlon SQA-TMS-016
Thickness	508 microns	20.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	49	49	ASTM D2240
Tensile Strength	8.129 MPa	1179 psi	ASTM D412
Elongation at Break	732 %	732 %	ASTM D412
Tear Strength	24.0 kN/m	137 pli	ASTM D624
Peel Strength	0.438 kN/m	2.50 pli	Bond Strength; Arlon SQA-TMS-015

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-51.1 °C	-60.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	25.6 kV/mm	649 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month @Temperature 21.1 °C	12.0 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
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Descriptive Properties

Value

Comments

Contact Songhan Plastic Technology Co.,Ltd.

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