

Arlon 48366X007 0.007" (0.178 mm) Uncured/Cured Silicone Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Silicone , Silicone Rubber , Silicone, Molded, Glass Fiber Filled

Material Notes:

Design/Construction: Side 1: Cured Silicone RubberSubstrate: Style 1080 FiberglassSide 2: Uncured Silicone RubberInterleave:

Polyethylene This data represents typical values for the production material. The data should not be used to write, or in place of, material specificationsInformation provided by Arlon, Silicone Technologies Division

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-48366X007-0007-0178-mm-UncuredCured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	50.8 microns	2.00 mil	Side 1; Arlon SQA-TMS-003
	50.8 microns	2.00 mil	Side 2; Arlon SQA-TMS-003
	63.5 microns	2.50 mil	Interleave
	76.2 microns	3.00 mil	Substrate; Arlon SQA-TMS-003
	178 microns	7.00 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	Silicone Property; ASTM D2240
Tensile Strength	6.89 MPa	1000 psi	Silicone Property; ASTM D412
Elongation at Break	275 %	275 %	Silicone Property; ASTM D412
Peel Strength	0.701 kN/m	4.00 pli	Bond Strength; Arlon SQA-TMS-011

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability Test	0.60	0.60	[in], Flame Propagation
	0.70	0.70	[sec], After Flame Time

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle

Processing Properties	Metric @Pressure 0.345 MPa, Temperature 121 °C	English @Pressure 50.0 psi, Temperature 250 °F	Comments
Shelf Life	6.00 Month @Temperature 21.1 °C	6.00 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Gray	
	White	Substrate
Total Product Weight (oz/yd2)	8.2	Arlon SQA-TMS-025

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China