

Arlon 28540R015 0.016" (0.406 mm) Uncured Silicone Rubber with Fiberglass Substrate

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: Polyethylene Side 1: Uncured Silicone Rubber Substrate: 1528 Style Fiberglass Appearance: Red silicone gum on fiberglass cloth 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-28540R015-0016-0406-mm-Uncured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	203 microns	8.00 mil	Side 1; Arlon SQA-TMS-003
	203 microns	8.00 mil	Substrate; Arlon SQA-TMS-003
	406 microns	16.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	47	47	Silicone Property; ASTM D2240
Tensile Strength	6.89 MPa	1000 psi	Silicone Property; ASTM D412
Elongation at Break	400 %	400 %	Silicone Property; ASTM D412
Peel Strength	1.74 kN/m	9.90 pli	Bond Strength; Arlon SQA-TMS-023

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	
Flammability Test	1.3	1.3	[in], Char; FTMS 191A, Method 5903
	6.0	6.0	[sec], Flame/Glow; FTMS 191A, Method 5903

Processing Properties	Metric	English	Comments
Cure Time	8.00 min	0.133 hour	Bond Cycle
	@Pressure 0.552 MPa, Temperature 138 °C	@Pressure 80.0 psi, Temperature 280 °F	

Processing Properties	Metric	English	Comments
Shelf Life	6.00 Month	6.00 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	14.6	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