

Arlon R34066X015 0.015" (0.381 mm) Cured Silicone with Fiberglass Substrate

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

Material Notes:

Design/Construction:Side 1: Platinum Cured SiliconeSide 2: Peroxide Catalyzed Silicone Appearance: Gray silicone gum on fiberglass clothThis 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-R34066X015-0015-0381-mm-Cured-Silicone-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Polyethylene, Interleave
	102 microns	4.00 mil	Side 1
	>= 127 microns	>= 5.00 mil	Side 2
	127 microns	5.00 mil	Prime Coated 1165 Fiberglass, Substrate
	343 - 419 microns	13.5 - 16.5 mil	Overall

Mechanical Properties	Metric	English	Comments
Peel Strength	>= 0.877 kN/m	>= 5.00 pli	Bond Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended Postcure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	Recommended Cure Cycle
	@Pressure 0.345 MPa, Temperature 177 °C	@Pressure 50.0 psi, Temperature 350 °F	
Shelf Life	6.00 Month	6.00 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Processing Properties	Metric	English	Comments
Descriptive Properties	Value	Comments	
Color	Gray		
Total Product Weight (oz/yd2)	15.3 - 18.3		
Uncoated Fabric Break Strength	125 lb/in	Warp Direction, Substrate Property	
	160 lb/in	Fill Direction, Substrate Property	

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