

Arlon 51163X0085 0.0085" Cured Silicone Rubber with Fiberglass Substrate

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

Material Notes:

Design/Construction:Side 1: Cured Silicone RubberSubstrate: Style 7628 FiberglassSide 2: Cured Silicone Rubber50" wideThis data represents typical values for the production material and should not be used as material specifications.Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-51163X0085-00085-Cured-Silicone-Rubber-with-Fiberglass-Substrate.php

Physical Properties	Metric	English	Comments
Thickness	12.7 microns	0.500 mil	Side 1
	12.7 microns	0.500 mil	Side 2
	191 microns	7.50 mil	Substrate
	216 microns	8.50 mil	Overall Thickness

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	30	30	Silicone Property
Tensile Strength	>= 5.52 MPa	>= 800 psi	Silicone Property
Elongation at Break	>= 250 %	>= 250 %	Silicone Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability Test	3.0	3.0	Inches; Char Length; FTMS 191A; Method 5903
	25	25	Seconds; Flame and Glow Time; FTMS 191A; Method 5903

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month	60.0 Month	
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Color	Aluminum	

Descriptive Properties	Value	Comments
Uncoated Fabric Break Strength (lb/in)	200	Fill direction
	250	Warp direction

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