

Arlon 32980XA015 0.015" Uncured Silicone Rubber on Polyester Film

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: 2.5 mil Polyethylene Side 1: Uncured Silicone Rubber Carrier: Polyester Film This 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-32980XA015-0015-Uncured-Silicone-Rubber-on-Polyester-Film.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	127 microns	5.00 mil	Carrier; Arlon SQA-TMS-003
	381 microns	15.0 mil	Silicone; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	4.83 MPa	700 psi	Silicone Property; Arlon SQA-TMS-008
Elongation at Break	190 %	190 %	Silicone Property; Arlon SQA-TMS-008

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended Post Cure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	Recommended Cure Cycle
	@Pressure 0.345 MPa, Temperature 121 °C	@Pressure 50.0 psi, Temperature 250 °F	
Shelf Life	6.00 Month	6.00 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	Silicone
	Translucent	Carrier
Total Product Weight (oz/yd2)	18	Arlon SQA-TMS-025

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