

Arlon 32980X050 0.050" Uncured Silicone Rubber on Polyester Film

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: 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-32980X050-0050-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
	1270 microns	50.0 mil	Silicone; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	72	72	Silicone Property; ASTM D2240
Tensile Strength	4.83 MPa	700 psi	Silicone Property; ASTM D412
Elongation at Break	190 %	190 %	Silicone Property; ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	180 °C	356 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	V-0	V-0	

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	Silicone
	Translucent	Carrier
Total Product Weight (oz/yd ²)	58.9	Arlon SQA-TMS-025

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