

Arlon 32960X078 0.078" (1.98 mm) Uncured Silicone Rubber on Polyester Film Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: PolyethyleneSide 1: Uncured Silicone RubberCarrier: Polyester FilmProduct Use: Flame Resistant Silicone PuttyAppearance: Gray colored, high viscosity gum on polymer linersThis 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-32960X078-0078-198-mm-Uncured-Silicone-Rubber-on-Polyester-Film-Carrier.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0578 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	127 microns	5.00 mil	Carrier; Arlon SQA-TMS-003
	1980 microns	78.0 mil	Overall; Arlon SQA-TMS-003
	1980 microns	78.0 mil	Side 1; 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, Air	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	From date of manufacture
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Gray	

Descriptive Properties	Value	Comments
Total Product Weight (oz/yd2)	91.9	Arlon SQA-TMS-025

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