

Arlon R30960T030 0.030" (0.762 mm) Uncured Silicone Rubber with Kodacel Substrate

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

Material Notes:

Design/Construction: Interleave: Polyethylene Add-on: Uncured Silicone Rubber Substrate: Kodacel Carrier Appearance: Translucent, high viscosity gum on release liners This 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-R30960T030-0030-0762-mm-Uncured-Silicone-Rubber-with-Kodacel-Substrate.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	38.1 microns	1.50 mil	Interleave
	127 microns	5.00 mil	Substrate
	762 microns	30.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	20	20	Silicone Property; ASTM D2240
Tensile Strength	4.31 MPa	625 psi	Silicone Property; ASTM D412
Elongation at Break	550 %	550 %	Silicone Property; ASTM D412

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

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle
	@Temperature 121 °C	@Temperature 250 °F	
	120 min	2.00 hour	Recommended Postcure Cycle (Open Air)
	@Temperature 204 °C	@Temperature 400 °F	
Shelf Life	6.00 Month	6.00 Month	From date of manufacture
	@Temperature 23.9 °C	@Temperature 75.0 °F	

Descriptive Properties	Value	Comments
Color	Naturally Translucent	
Total Product Weight (oz/yd2)	24.7	Arlon SQA-TMS-025

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