

Arlon 30400N060 0.060" (1.52 mm) Uncured Silicone Rubber

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave 1: Kodacel Product: Uncured Silicone Rubber Interleave 2: Polyethylene Appearance: Translucent silicone rubber on polymer liner 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-30400N060-0060-152-mm-Uncured-Silicone-Rubber.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Polyethylene Interleave
	127 microns	5.00 mil	Kodacel Interleave
	1520 microns	60.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property; ASTM D2240
Tensile Strength	8.96 MPa	1300 psi	Silicone Property; ASTM D412
Elongation at Break	700 %	700 %	Silicone Property; ASTM D412
Tear Strength	>= 35.1 kN/m	>= 200 pli	Silicone Property; ASTM D624
Compression Set	<= 28 %	<= 28 %	Silicone Property; ASTM D395

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	30.0 min	0.500 hour	Recommended Cure Cycle
	@Temperature 177 °C	@Temperature 350 °F	
	240 min	4.00 hour	Postcure Cycle, after 30 minute ramp up cycle
	@Temperature 227 °C	@Temperature 440 °F	
Shelf Life	3.00 Month	3.00 Month	From date of manufacture

Processing Properties	@Temperature 4.44 °C Metric	@Temperature 40.0 °F English	Comments
Descriptive Properties		Value	Comments
Color		Natural	
Total Product Weight (oz/yd2)		52	Arlon SQA-TMS-025

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