

Arlon 32400N030 0.030" (0.762 mm) Uncured Silicone Rubber on PET Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: PolyethyleneSide 1: Uncured Silicone RubberCarrier: PET Appearance: Translucent silicone rubber on polymer linerThis 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-32400N030-0030-0762-mm-Uncured-Silicone-Rubber-on-PET-Carrier.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	63.5 microns	2.50 mil	Interleave
	127 microns	5.00 mil	Carrier
	762 microns	30.0 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	Recommended Postcure Cycle
	@Temperature 227 °C	@Temperature 440 °F	
Shelf Life	3.00 Month	3.00 Month	From date of manufacture

Processing Properties	@Temperature 7.22 °C Metric	@Temperature 45.0 °F English	Comments
Descriptive Properties	Value		Comments
Color	Naturally Translucent		
Total Product Weight (oz/yd2)	27		Arlon SQA-TMS-025

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