

Arlon R34020W062 0.062" (1.57 mm) Uncured, Unsupported Silicone Rubber on a Kodacel Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Side 1: Uncured, Unsupported Silicone Rubber on a Kodacel Carrier 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-R34020W062-0062-157-mm-Uncured-Unsupported-Silicone-Rubber-on-a-Kodacel-Carrier.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Polyethylene, Interleave
	127 microns	5.00 mil	Kodacel Carrier, Substrate
	1420 - 1730 microns	56.0 - 68.0 mil	Overall
	1420 - 1730 microns	56.0 - 68.0 mil	Side 1

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	67	67	Compound Property
Tensile Strength	8.96 MPa	1300 psi	Compound Property
Elongation at Break	600 %	600 %	Compound Property
Tear Strength	43.8 kN/m	250 pli	Compound Property
Compression Set	<= 40 %	<= 40 %	Compound Property

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	

Processing Properties	3.00 Month Metric	3.00 Month English	Comments of manufacture
	@Temperature 4.44 °C	@Temperature 40.0 °F	

Descriptive Properties	Value	Comments
Color	White	
Total Product Weight (oz/yd2)	74.36 - 90.36	

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