

Arlon 30400R060 0.06" Uncured, Unsupported Silicone Rubber on Release Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction:Side 1: Uncured, Unsupported Silicone RubberSubstrate: Kodacel CarrierInterleave: 0.003" PolyethyleneThis data represents typical values for the production material and should not be used as material specifications.Information provided by ARLON Silicone Technologies Division.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arlon-30400R060-006-Uncured-Unsupported-Silicone-Rubber-on-Release-Carrier.php

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Substrate
	1520 microns	60.0 mil	Rubber

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	Silicone Property
Tensile Strength	6.21 - 7.58 MPa	900 - 1100 psi	Silicone Property
Elongation at Break	450 - 550 %	450 - 550 %	Silicone Property
Tear Strength	>= 35.1 kN/m	>= 200 pli	Silicone Property
Compression Set	<= 28 %	<= 28 %	After Post-cure; Silicone Property

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

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 Post Cure Cycle - After 30 minute ramp up cycle
	@Temperature 204 °C	@Temperature 400 °F	

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

Descriptive Properties	Value	Comments
Color	Clear	Kodacel
	Red	Silicone
Total Product Weight (oz/yd2)	69	

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