

Arlon 30850S085 0.085" Uncured, Unsupported Silicone Rubber on Release Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Side 1: Uncured, Unsupported Silicone Rubber Substrate: Kodacel Carrier Interleave: 0.003" Polyethylene This 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-30850S085-0085-Uncured-Unsupported-Silicone-Rubber-on-Release-Carrier.php

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Substrate
	2160 microns	85.0 mil	Rubber

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	40	40	Silicone Property
Tensile Strength	>= 6.89 MPa	>= 1000 psi	Silicone Property
Elongation at Break	>= 700 %	>= 700 %	Silicone Property
Tear Strength	>= 35.1 kN/m	>= 200 pli	Silicone Property
Compression Set	<= 28 %	<= 28 %	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	

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
	@Temperature 227 °C	@Temperature 440 °F	
Shelf Life	3.00 Month	3.00 Month	
	@Temperature 4.44 °C	@Temperature 40.0 °F	

Descriptive Properties	Value	Comments
Color	Saddle Brown	
Total Product Weight (oz/yd2)	71.5	

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