

Arlon 30850N125 0.125" Uncured, Unsupported Silicone Rubber on a Kodacel 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-30850N125-0125-Uncured-Unsupported-Silicone-Rubber-on-a-Kodacel-Carrier.php

Physical Properties	Metric	English	Comments
Thickness	127 microns	5.00 mil	Substrate
	3180 microns	125 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
100% Modulus	0.00103 GPa	0.150 ksi	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	Natural (Transparent)	
Total Product Weight (oz/yd2)	105	

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