

Arlon 32140R062 0.062" (1.57 mm) Uncured Silicone Rubber on PET Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: PolyethyleneSide 1: Uncured Silicone RubberCarrier: PETAppearance: Red silicone gum on polymer release 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-32140R062-0062-157-mm-Uncured-Silicone-Rubber-on-PET-Carrier.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	127 microns	5.00 mil	Carrier; Arlon SQA-TMS-003
	1570 microns	62.0 mil	Overall; Arlon SQA-TMS-003
	1570 microns	62.0 mil	Side 1; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	Silicone Property; ASTM D2240
Tensile Strength	5.52 MPa	800 psi	Silicone Property; ASTM D412
Elongation at Break	225 %	225 %	Silicone Property; ASTM D412
Tear Strength	15.8 kN/m	90.0 pli	Die B, Silicone Property; ASTM D624

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
UL RTI, Electrical	200 °C	392 °F	E54153
UL RTI, Mechanical without Impact	200 °C	392 °F	E54153

Electrical Properties	Metric	English	Comments
Dielectric Strength	13.8 kV/mm	350 kV/in	ASTM D149

Processing Properties	Metric	English	Comments

Processing Properties	120 min Metric	2.00 hour English	Comments
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	
	@Pressure 0.345 MPa, Temperature 121 °C	@Pressure 50.0 psi, Temperature 250 °F	Recommended Cure Cycle
Shelf Life	6.00 Month	6.00 Month	
	@Temperature 23.9 °C	@Temperature 75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Red	
	Translucent	Carrier
Total Product Weight (oz/yd2)	64	Arlon SQA-TMS-025

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China