

Arlon 31570R020 0.020" (0.508 mm) Uncured Silicone Rubber on Release Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: PolyethyleneProduct: Uncured Silicone Rubber Release Carrier: HDPE CarrierAppearance: Red silicone gum on polymer 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-31570R020-0020-0508-mm-Uncured-Silicone-Rubber-on-Release-Carrier.php

Physical Properties	Metric	English	Comments
Thickness	76.2 microns	3.00 mil	Interleave
	508 microns	20.0 mil	Overall; Arlon SQA-TMS-003
	508 microns	20.0 mil	Side 1; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	Compound Property; ASTM D2240
Tensile Strength	6.21 MPa	900 psi	Compound Property; ASTM D412
Elongation at Break	500 %	500 %	Compound Property; ASTM D412

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	220 °C	428 °F	per UL Card E54153
UL RTI, Mechanical without Impact	200 °C	392 °F	per UL Card E54153

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended Postcure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	Recommended Cure Cycle

Processing Properties	Metric @Pressure 0.345 MPa, Temperature 177 °C	English @Pressure 50.0 psi, Temperature 350 °F	Comments
Shelf Life	6.00 Month @Temperature 23.9 °C	6.00 Month @Temperature 75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	18.3	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