

Arlon 31940C025 0.025" (0.635 mm) Uncured Silicone Rubber on HDPE Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: LDPE Side 1: Uncured Silicone Rubber Carrier: HDPE This 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-31940C025-0025-0635-mm-Uncured-Silicone-Rubber-on-HDPE-Carrier.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Interleave
	178 microns	7.00 mil	Carrier; Arlon SQA-TMS-003
	635 microns	25.0 mil	Overall; Arlon SQA-TMS-003
	635 microns	25.0 mil	Side 1; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	5.0	5.0	Silicone Property; ASTM D2240
Tensile Strength	7.93 MPa	1150 psi	Silicone Property; ASTM D412
Elongation at Break	500 %	500 %	Silicone Property; ASTM D412

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °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	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
	@Pressure 0.345 MPa,	@Pressure 50.0 psi,	

Processing Properties	Temperature 177 °C Metric	Temperature 350 °F English	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	Brown	
	Translucent	Carrier
Total Product Weight (oz/yd2)	24.9	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