

Arlon 32570XA020 0.020" Uncured Silicone Rubber on Polyester Film Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

Material Notes:

Design/Construction: Interleave: 0.0025" Polyethylene Side 1: Uncured Silicone Rubber Carrier: Polyester Film 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-32570XA020-0020-Uncured-Silicone-Rubber-on-Polyester-Film-Carrier.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	Silicone Property; Arlon SQA-TMS-024
Thickness	127 microns	5.00 mil	Carrier; Arlon SQA-TMS-003
	508 microns	20.0 mil	Silicone; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	44	44	Silicone Property; Arlon SQA-TMS-014
Tensile Strength	7.58 MPa	1100 psi	Silicone Property; Arlon SQA-TMS-008
Elongation at Break	650 %	650 %	Silicone Property; Arlon SQA-TMS-008
Tear Strength	14.5 kN/m	83.0 pli	Die B; Silicone Property; Arlon SQA-TMS-029

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Inert	204 °C	400 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	V-0	V-0	E54153

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	Recommended Post Cure Cycle
	@Temperature 204 °C	@Temperature 400 °F	
	15.0 min	0.250 hour	Recommended Cure Cycle
	@Pressure 0.345 MPa, Temperature 177 °C	@Pressure 50.0 psi, Temperature 350 °F	
	6.00 Month	6.00 Month	

Shelf Life		Metric	English	Comments
Processing Properties		@ Temperature 21.1 °C	@ Temperature 70.0 °F	
Descriptive Properties		Value	Comments	
Color		Gray	Silicone	
		Translucent	Carrier	
Total Product Weight (oz/yd2)		18.6	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