

## Arlon 30300R062 0.062" (1.57 mm) Uncured Silicone Rubber on Kodacel Carrier

Category : Polymer , Thermoset , Silicone , Silicone Rubber

### Material Notes:

Design/Construction: Interleave: Polyethylene Side 1: Uncured Silicone RubberCarrier: KodacelAppearance: Red silicone gum on polymer linersThis 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-30300R062-0062-157-mm-Uncured-Silicone-Rubber-on-Kodacel-Carrier.php](http://www.lookpolymers.com/polymer_Arlon-30300R062-0062-157-mm-Uncured-Silicone-Rubber-on-Kodacel-Carrier.php)

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in <sup>3</sup>	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	50	50	Silicone Property; ASTM D2240
Tensile Strength	7.58 MPa	1100 psi	Silicone Property; ASTM D412
Elongation at Break	400 %	400 %	Silicone 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	

Electrical Properties	Metric	English	Comments
Dielectric Strength	11.8 kV/mm	300 kV/in	ASTM D149

Processing Properties	Metric	English	Comments
Cure Time	15.0 min	0.250 hour	Recommended Cure Cycle
	@Temperature 177 °C	@Temperature 350 °F	
	120 min	2.00 hour	Recommended Postcure Cycle
	@Temperature 204 °C	@Temperature 400 °F	

Processing Properties	Metric	English	Comments
Shelf Life	@Temperature 23.9 °C	@Temperature 75.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Color	Red	
Total Product Weight (oz/yd2)	54.8	Arlon SQA-TMS-025

## Contact Songhan Plastic Technology Co.,Ltd.

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