

## Arlon 10292R062 Cured Silicone Rubber (Unsupported) with Polyethylene Liner

Category : Polymer , Thermoset , Silicone , Silicone Rubber

### Material Notes:

Design/Construction:Material: Cured Silicone RubberLiner: PolyethyleneRecommended Cure Cycle: Product delivered curedRecommended Post Cure Cycle: Product delivered post-curedAppearance: Red silicone rubberThis 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-10292R062-Cured-Silicone-Rubber-Unsupported-with-Polyethylene-Liner.php](http://www.lookpolymers.com/polymer_Arlon-10292R062-Cured-Silicone-Rubber-Unsupported-with-Polyethylene-Liner.php)

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024
Thickness	76.2 microns	3.00 mil	Liner; Arlon SQA-TMS-003
	1570 microns	62.0 mil	Overall; Arlon SQA-TMS-003

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	45	45	Silicone Property; ASTM D2240
Tensile Strength	5.52 MPa	800 psi	Silicone Property; ASTM D412
Elongation at Break	450 %	450 %	Silicone Property; ASTM D412
Tear Strength	9.64 kN/m	55.0 pli	Silicone Property; ASTM D624
Compression Set	10 %	10 %	Silicone Property; Arlon SQA-TMS-017

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	

Processing Properties	Metric	English	Comments
Shelf Life	60.0 Month @Temperature 21.1 °C	60.0 Month @Temperature 70.0 °F	From date of manufacture

Descriptive Properties	Value	Comments
Total Product Weight (oz/yd <sup>2</sup> )	63	Arlon SQA-TMS-025

## **Contact Songhan Plastic Technology Co.,Ltd.**

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