

## Arlon CP-RC-3918 Silicone Bulk Compound

Category : Polymer , Thermoset , Silicone , Silicone Rubber

### Material Notes:

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-CP-RC-3918-Silicone-Bulk-Compound.php](http://www.lookpolymers.com/polymer_Arlon-CP-RC-3918-Silicone-Bulk-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in <sup>3</sup>	Silicone Property; Arlon SQA-TMS-024

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	46	46	Silicone Property; ASTM D2240
Tensile Strength	8.584 MPa	1245 psi	Silicone Property; ASTM D412
Elongation at Break	565 %	565 %	Silicone Property; ASTM D412
Tear Strength	17.5 kN/m	100 pli	Silicone Property; ASTM D624

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

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	
Shelf Life	6.00 Month	6.00 Month	
	@Temperature 21.1 °C	@Temperature 70.0 °F	

Descriptive Properties	Value	Comments
Color	Red	

Contact Songhan Plastic Technology Co.,Ltd.

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