

## Arlon CP-434R Bulk Compound

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

### Material Notes:

Appearance: Red silicone gum  
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-CP-434R-Bulk-Compound.php](http://www.lookpolymers.com/polymer_Arlon-CP-434R-Bulk-Compound.php)

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 - 65	55 - 65	Compound Property
Tensile Strength	>= 6.21 MPa	>= 900 psi	Compound Property
Elongation at Break	>= 300 %	>= 300 %	Compound Property

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	232 °C	450 °F	
Minimum Service Temperature, Air	-56.7 °C	-70.0 °F	
Flammability, UL94	HB @Temperature 200 °C	HB @Temperature 392 °F	per UL card E54153

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 15.7 kV/mm	>= 400 kV/in	

Processing Properties	Metric	English	Comments
Cure Time	15.0 - 20.0 min @Temperature 121 - 177 °C	0.250 - 0.333 hour @Temperature 250 - 350 °F	Recommended Cure Cycle
	120 min @Temperature 204 °C	2.00 hour @Temperature 400 °F	Recommended Postcure Cycle
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	Red	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China