

## Aremco Corr-Paint™ CP4040 High Temperature Protective Coating Silicone

Category : Other Engineering Material , Ceramic/Metallic Coating , Polymer , Thermoset , Silicone

### Material Notes:

Low viscosity, white coating for motor windings to 1100°F (593°C)

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Corr-Paint-CP4040-High-Temperature-Protective-Coating-Silicone.php](http://www.lookpolymers.com/polymer_Aremco-Corr-Paint-CP4040-High-Temperature-Protective-Coating-Silicone.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.27 g/cc	1.27 g/cc	
Solids Content	44.2 %	44.2 %	by weight
	46.1 %	46.1 %	by volume
Volatile Organic Compounds (VOC) Content	117 g/l	117 g/l	
Viscosity	400 - 900 cP	400 - 900 cP	
Thickness	38.1 microns	1.50 mil	recommended dry film thickness
	102 microns	4.00 mil	estimated wet film thickness
Storage Temperature	12.8 - 29.4 °C	55.0 - 85.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	593 °C	1100 °F	
Flash Point	>= 100 °C	>= 212 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	12.2 kV/mm	310 kV/in	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 48.9 °C	50.0 - 120 °F	Application Temperature
Cure Time	>= 60.0 min	>= 1.00 hour	Air Set prior to curing
	45.0 min @Temperature 232 °C	0.750 hour @Temperature 450 °F	Adequate ventilation is required when curing these products. Outgassing will occur above 300°F and cease after 750°F. An additional 30 minutes is required at the highest service temperature if service temperature is below 750°F.
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	White	
Dry Film Coverage ft <sup>2</sup> /gal	740	at 1 mil
Thinner	Butyl Cellosolve/Water	

## Contact Songhan Plastic Technology Co.,Ltd.

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