

Aremco Corr-Paint™ CP4010 High Temperature Protective Silicone Coating, Aluminum Filled

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

Material Notes:

Single part, silicone-based, low viscosity, heat-curable, aluminum-filled sealer offering exceptional moisture resistance to 1100°F (593°C).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Corr-Paint-CP4010-High-Temperature-Protective-Silicone-Coating-Aluminum-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Solids Content	41.6 %	41.6 %	volume
	44.2 %	44.2 %	weight
Volatile Organic Compounds (VOC) Content	100 g/l	100 g/l	
Viscosity	200 - 600 cP	200 - 600 cP	Mixed Viscosity
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	61.0 microns	2.40 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	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 48.9 °C	50.0 - 120 °F	Application Temperature
Dry Time	1.00 - 2.00 hour	1.00 - 2.00 hour	Touch
	2.00 - 4.00 hour	2.00 - 4.00 hour	Handling
	1.00 - 24.0 hour	1.00 - 24.0 hour	Recoat
Cure Time	45.0 min @Temperature 249 °C	0.750 hour @Temperature 480 °F	>1 Hour Air Set Required Prior to Curing
	60.0 min @Temperature 232 °C	1.00 hour @Temperature 450 °F	>1 Hour Air Set Required Prior to Curing

Processing Properties	6.00 Month Metric	6.00 Month English	Comments
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Descriptive Properties	Value	Comments
Color	Aluminum	
Dry Film Coverage ft2/gal	611	at 1 mil
Primer	Not Required	
Thinner	Distilled Water	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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