

Aremco Corr-Paint™ CP4090-S1 High Temperature Protective Coating, Silicone

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Corr-Paint-CP4090-S1-High-Temperature-Protective-Coating-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	
Solids Content	43.2 %	43.2 %	by Volume
	56.6 %	56.6 %	by Weight
Volatile Organic Compounds (VOC) Content	599 g/l	599 g/l	
Viscosity	300 - 500 cP	300 - 500 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	58.4 microns	2.30 mil	estimated wet film thickness
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	593 °C	1100 °F	Continuous
Flash Point	47.8 °C	118 °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	>= 60.0 min	>= 1.00 hour	Air Set prior to curing
	45.0 min @Temperature 249 °C	0.750 hour @Temperature 480 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
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Color Descriptive Properties	Brown Value	Comments
Dry Film Coverage ft2/gal	694	at 1 mil
Thinner	PM Acetate	

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