

Aremco HiE-Coat™ 840-MS High Emissivity Coating, Silicone-Ceramic Filled

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

Material Notes:

Silicone-ceramic, black pigmented single component coating for aluminum, brass, copper, and carbon and stainless steel to 1100 °F (593 °C).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-HiE-Coat-840-MS-High-Emissivity-Coating-Silicone-Ceramic-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.49 g/cc	1.49 g/cc	
Solids Content	42.5 %	42.5 %	by volume
	57.1 %	57.1 %	by weight
Volatile Organic Compounds (VOC) Content	637 g/l	637 g/l	
Viscosity	250 - 500 cP	250 - 500 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	61.0 microns	2.40 mil	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	
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
Cure Time	>= 60.0 min	>= 1.00 hour	Air Set prior to curing
	45.0 min	0.750 hour	
	@Temperature 249 °C	@Temperature 480 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	Jet Black	
Dry Film Coverage ft2/gal	681	at 1 mil

Descriptive Properties	Value	Comments
------------------------	-------	----------

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