

## Aremco Pyro-Paint™ 634-SIC High Temperature Refractory Coating

Category : Ceramic , Carbide

### Material Notes:

This advanced silicon carbide, water-based coating reduces significantly the oxidation of graphite and carbon components and structures at temperatures to 2550 °F (1400 °C). Provides a hard surface and withstands thermal cycling.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Aremco-Pyro-Paint-634-SIC-High-Temperature-Refractory-Coating.php](http://www.lookpolymers.com/polymer_Aremco-Pyro-Paint-634-SIC-High-Temperature-Refractory-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.30 g/cc	2.30 g/cc	
Solids Content	53 %	53 %	volume
	74.5 %	74.5 %	weight
pH	2.0 - 3.0	2.0 - 3.0	Coating pH
Viscosity	750 - 2000 cP	750 - 2000 cP	
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1400 °C	2550 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	60.0 min @Temperature 427 °C	1.00 hour @Temperature 800 °F	>1 Hour Air Set Required Prior to Curing
	120 min @Temperature 93.3 °C	2.00 hour @Temperature 200 °F	>1 Hour Air Set Required Prior to Curing
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	Gray	
Coverage ft <sup>2</sup> /gal	850	Theoretical Coverage at 1 mil dry film thickness
Thinner	634SIC-T	
Weight/Gallon	16.5 lbs	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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