

Aremco Pyro-Paint™ 634-AS1 High Temperature Refractory Coating

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

This alumina-silica based advanced coating is rated for continuous service temperatures up to 2300 °F. Provides excellent adhesion to ceramic fiber blankets, modules and boards and resists wetting by nonferrous molten metals, increasing the durability and erosion resistance of the underlying material. High dry film thicknesses from 10-50 mils can be achieved with this coating. Select 634-AS1 for high build applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Pyro-Paint-634-AS1-High-Temperature-Refractory-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	
Density	1.50 g/cc	0.0541 lb/in ³	
Solids Content	70 %	70 %	volume
	77 %	77 %	weight
pH	7.0 - 8.0	7.0 - 8.0	Coating pH
Viscosity	10000 - 20000 cP	10000 - 20000 cP	
Storage Temperature	4.44 - 32.2 °C	40.0 - 90.0 °F	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	1260 °C	2300 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	120 min	2.00 hour	>2 Hour Air Set Required Prior to Curing
	@Temperature 93.3 °C	@Temperature 200 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	White	
Coverage ft ² /gal	1120	Theoretical Coverage at 1 mil dry film thickness
Thinner	634-AS1-T	
Weight/Gallon	12.5 lbs	

Descriptive Properties	Value	Comments
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