

Aremco Quartz-Coat™ 850 High Temperature Specialty Coatings Inorganic, Glass-Ceramic Filled

Category : Ceramic , Other Engineering Material , Ceramic/Metallic Coating

Material Notes:

Glass-ceramic, white reflective coating for glass and quartz to 1500°F (816°F)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Quartz-Coat-850-High-Temperature-Specialty-Coatings-Inorganic-Glass-Ceramic-Filled.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.84 g/cc	1.84 g/cc	
Solids Content	31.4 %	31.4 %	by volume
	61.3 %	61.3 %	by weight
Volatile Organic Compounds (VOC) Content	0.00 g/l	0.00 g/l	
Viscosity	500 - 1000 cP	500 - 1000 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	80.8 microns	3.18 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	871 °C	1600 °F	Continuous

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Dry Time	>= 0.25 hour	>= 0.25 hour	Recoat
	0.5 hour	0.5 hour	Touch
	1 hour	1 hour	Handling
Cure Time	30.0 min	0.500 hour	Air Set prior to curing
	15.0 min	0.250 hour	
	@Temperature 899 °C	@Temperature 1650 °F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	White	
Dry Film Coverage ft2/gal	504	at 1 mil
Thinner	Water	

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