

Aremco Lamp-Coat™ LC4040-SG High Temperature Coating, Silicone

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

Material Notes:

White reflective coating for use on mercury vapor lamps and other high temperature glass and quartz components to 1200 °F (649 °C).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Lamp-Coat-LC4040-SG-High-Temperature-Coating-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	
Solids Content	52.7 %	52.7 %	by volume
	70.9 %	70.9 %	by weight
Volatile Organic Compounds (VOC) Content	455 g/l	455 g/l	
Viscosity	250 - 500 cP	250 - 500 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	48.3 microns	1.90 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	649 °C	1200 °F	Continuous
Flash Point	46.0 °C	115 °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
	60.0 min @Temperature 200 °C	1.00 hour @Temperature 392 °F	1 hr at 450°F, 15 min at 1300°F
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	White	
Dry Film Coverage ft ² /gal	845	at 1 mil

Thinner Descriptive Properties	PM Acetate Value	Comments
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