

Aremco Lamp-Coat™ LC4010-GL High Temperature Coating, Silicone

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

Material Notes:

Aluminum-filled coating for application directly over uncoated headlamps to 1020 °F (550 °C)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aremco-Lamp-Coat-LC4010-GL-High-Temperature-Coating-Silicone.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Solids Content	31.9 %	31.9 %	by volume
	35.8 %	35.8 %	by weight
Volatile Organic Compounds (VOC) Content	731 g/l	731 g/l	
Viscosity	300 - 400 cP	300 - 400 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	79.5 microns	3.13 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	549 °C	1020 °F	Continuous
Flash Point	48.0 °C	118 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	10.0 - 48.9 °C	50.0 - 120 °F	Application Temperature
Cure Time	4.80 min	0.0800 hour	Air Set prior to curing
	12000 min @Temperature 30.0 °C	200 hour @Temperature 86.0 °F	10 mins at 900°F
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Color	Silver	
Dry Film Coverage ft ² /gal	512	at 1 mil

Thinner Descriptive Properties	Ethanol Value	Comments
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