

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

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

Material Notes:

Aluminum-filled coating for application over black top coated headlamps to 1020 °F (550 °C).

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	
Solids Content	49.5 %	49.5 %	by volume
	57 %	57 %	by weight
Volatile Organic Compounds (VOC) Content	563 g/l	563 g/l	
Viscosity	40 - 50 cP	40 - 50 cP	
Thickness	25.4 microns	1.00 mil	recommended dry film thickness
	51.3 microns	2.02 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 - 32.2 °C	50.0 - 90.0 °F	Application Temperature
Cure Time	9.60 min	0.160 hour	Air Set prior to curing
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Dry Film Coverage ft2/gal	794	at 1 mil

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