

Gwent Electronic Materials C2060217P3 Lead-free Silver Topcoat Ink

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

Material Notes:

This product is a Lead free version of C70709D21. Silver Ink C2060217D3 is designed as a top coat for Silver Zinc Ink C2061103D7 printed on PTC ceramics. Screen Printing Equipment: semi-automatic, manual
Screen Types: stainless steel, polyester, mesh 156-325 tpi
Substrate: PTC ceramic discs or plates
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2060217P3-Lead-free-Silver-Topcoat-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	75.2 - 76.3 %	75.2 - 76.3 %	
	@Temperature 700 Å°C	@Temperature 1290 Å°F	
Viscosity	11000 - 18000 cP	11000 - 18000 cP	Haake VT 550 PK1.1 Å°
	@Shear Rate 230 1/s, Temperature 25.0 Å°C	@Shear Rate 230 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0000034 ohm-cm	0.0000034 ohm-cm	fired at 600 Å°C

Processing Properties	Metric	English	Comments
Sintering Temperature	550 - 625 Å°C	1020 - 1160 Å°F	
Cure Time	15.0 min	0.250 hour	
	@Temperature 150 Å°C	@Temperature 302 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	150	Using a 230 mesh stainless steel screen

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