

Gwent Electronic Materials C2061103D7 Lead free Silver Zinc Basecoat Paste

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

Material Notes:

This product is a lead-free version of C70709D22. The ink is designed as a screen printing ink for coating Barium Titanate PTC ceramics as the base layer of a two part system. The dried film should be coated with C2060217D3 before final drying and firing. The ink should be gently stirred before use avoiding introduction of air bubbles. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156-325 tpi Substrate: fired PTC parts Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2061103D7-Lead-free-Silver-Zinc-Basecoat-Paste.php

Physical Properties	Metric	English	Comments
Viscosity	11000 - 16000 cP	11000 - 16000 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
Surface Resistivity per Square	0.0071 ohm	0.0071 ohm	Printed on PTC parts
	@Thickness 0.0210 mm	@Thickness 0.000827 in	

Processing Properties	Metric	English	Comments
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 cm ² /g	130	Using a 230 mesh stainless steel screen

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