

Gwent Electronic Materials C2000107P3 Silver Ink

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

Material Notes:

Silver Ink C2000107P3 is designed as a termination for single layer PZT ceramics. After firing the film has good adhesion and solderability. The ink is in a ready to use form at a viscosity suitable for automatic or semiautomatic screen printing. The ink should be gently stirred before use avoiding introduction of air bubbles. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2000107P3-Silver-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	71 %	71 %	
Particle Size	4.0 Åµm	4.0 Åµm	Main Break; Fineness of Grind
	6.0 Åµm	6.0 Åµm	3rd Streak; Fineness of Grind
Viscosity	11000 - 19000 cP	11000 - 19000 cP	Haake VT550 cone and plate viscometer (PK1.1Å°)
	@Shear Rate 100 1/s, Temperature 25.0 Å°C	@Shear Rate 100 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	

Processing Properties	Metric	English	Comments
Processing Temperature	150 Å°C	302 Å°F	
Cure Time	10.0 - 15 min	0.167 - 0.25 hour	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	150	230 mesh stainless steel screen
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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