

Gwent Electronic Materials C2021031D3 Electrode Ink

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

Material Notes:

Electrode Ink C2021031D3 is a Silver Palladium (90/10) electrode ink, designed for use with PVB Tape. It has been specifically formulated for use with PZT ceramics. 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. It is designed for printing on PVB tape. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2021031D3-Electrode-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	70 %	70 %	
Particle Size	<= 2.0 Åµm	<= 2.0 Åµm	Main Break; Fineness of Grind
	<= 4.0 Åµm	<= 4.0 Åµm	3rd Streak; Fineness of Grind
Viscosity	17300 cP	17300 cP	Haake VT550 cone and plate viscometer (PK1.1Å°)
	@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	

Processing Properties	Metric	English	Comments
Cure Time	<= 1.98 min	<= 0.0330 hour	touch dry
	@Temperature 150 Å°C	@Temperature 302 Å°F	
	<= 4.02 min	<= 0.0670 hour	touch dry
	@Temperature 75.0 Å°C	@Temperature 167 Å°F	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	160	230 mesh stainless steel screen
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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