

Gwent Electronic Materials C2021031D2 Electrode Ink

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

Material Notes:

Electrode Ink C2021031D2 is a Silver Palladium (85/15) 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-C2021031D2-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	16200 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	16200 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake VT550 cone and plate viscometer (PK1.1Å°)
Storage Temperature	20.0 Å°C	68.0 Å°F	

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

Descriptive Properties	Value	Comments
Coverage cm ² /g	160	230 mesh stainless steel screen
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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