

Gwent Electronic Materials C2050926P2 Lead-free Ag PZT Paste

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

Material Notes:

This product is a Lead free termination for single layer PZT ceramics. After firing the film has good adhesion and solderability. Screen

Printing Equipment: semi-automatic, manualScreen Types: stainless steel, polyester, mesh 156-325 tpiSubstrate: Polyimide, PET,

PENInformation provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2050926P2-Lead-free-Ag-PZT-Paste.php

Physical Properties	Metric	English	Comments
Solids Content	70 - 73 %	70 - 73 %	
	@Temperature 700 Â°C	@Temperature 1290 Â°F	
Viscosity	7500 - 9500 cP	7500 - 9500 cP	Haake VT 550 PK1.1Â°
	@Shear Rate 230 1/s, Temperature 25.0 Â°C	@Shear Rate 230 1/s, Temperature 77.0 Â°F	
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.0060 ohm	0.0060 ohm	Using a 230 mesh stainless steel screen
	@Thickness 0.0150 mm	@Thickness 0.000591 in	

Processing Properties	Metric	English	Comments
Sintering Temperature	700 - 800 Â°C	1290 - 1470 Â°F	oxidising atmosphere
Cure Time	15.0 min	0.250 hour	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Adhesion (N)	60	Polyester Film
Coverage cm2/g	150	Using a 230 mesh stainless steel screen

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