

Gwent Electronic Materials C2000218D5 Silver/Silver Chloride Paste

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

Material Notes:

Silver/Silver Chloride Paste has a ratio of Silver to Silver Chloride of 90/10. It is specifically designed to give good adhesion to ceramic substrates. Applications in medical diagnostics, environmental sensor and the "agri-food" industries
Screen Printing Equipment: semi-automatic, manual
Screen Types: polyester, mesh 156-230tpi
Substrate: ceramic.
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2000218D5-SilverSilver-Chloride-Paste.php

Physical Properties	Metric	English	Comments
Solids Content	76.5 - 78.5 % @Temperature 700 Å°C	76.5 - 78.5 % @Temperature 1290 Å°F	
Viscosity	5000 - 9500 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	5000 - 9500 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake VT 550 PK1.1 Å°
Thickness	17.0 microns	0.669 mil	Using a 156 mesh stainless steel screen, 13 micron emulsion
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	1.6 ohm	1.6 ohm	Using a 156 mesh stainless steel screen, 13 micron emulsion

Processing Properties	Metric	English	Comments
Cure Time	10.0 min @Temperature 80.0 Å°C	0.167 hour @Temperature 176 Å°F	
	30.0 min @Temperature 60.0 Å°C	0.500 hour @Temperature 140 Å°F	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	88	Using a 230 mesh stainless steel screen

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