

## Gwent Electronic Materials C2030812D3 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 60/40. Applications in medical diagnostics, environmentalScreen Printing Equipment: semi-automatic, manualScreen Types: polyester, mesh 156-230tpiSubstrate: Polyester, PVC, Polycarbonate or ceramic Note: Stainless steel mesh is not recommended, since a paste component can become corrosive in the presence of moisture. Also, plastic palette knives should be used instead of metal knives.Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-C2030812D3-SilverSilver-Chloride-Paste.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2030812D3-SilverSilver-Chloride-Paste.php)

Physical Properties	Metric	English	Comments
Solids Content	81.14 - 83.14 %	81.14 - 83.14 %	
	@Temperature 130 °C	@Temperature 266 °F	
Viscosity	3500 - 7000 cP	3500 - 7000 cP	Haake VT 550 PK1.1.1°
	@Shear Rate 230 1/s, Temperature 25.0 °C	@Shear Rate 230 1/s, Temperature 77.0 °F	
Thickness	16.0 microns	0.630 mil	Cured, Typical, Using a 156 mesh stainless steel screen, 13 micron emulsion
Storage Temperature	20.0 °C	68.0 °F	sealed container

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	0.50 ohm	0.50 ohm	Using a 156 mesh stainless steel screen, 13 micron emulsion

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

Descriptive Properties	Value	Comments
Coverage cm <sup>2</sup> /g	130	Using a 230 mesh stainless steel screen

## **Contact Songhan Plastic Technology Co.,Ltd.**

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