

## Gwent Electronic Materials C2091104D1 Conductive Silver Adhesive

Category : Fluid , Polymer , Thermoset

**Material Notes:**

This ink can be used in a wide range of applications, as a conductive adhesive, it has excellent chemical resistance, with good adhesion. This product is based on a unique curing process that results in a low temperature formation of a thermosetting conductive coating that combines excellent chemical, solvent and abrasion resistance. Low electrical resistance. Screen Printing Equipment: semi-automatic, automatic Screen Types: stainless steel, polyester, mesh 156 to 325tpi Substrate: Polyester, PVC, Polycarbonate, or Ceramic Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Gwent-Electronic-Materials-C2091104D1-Conductive-Silver-Adhesive.php](http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2091104D1-Conductive-Silver-Adhesive.php)

Physical Properties	Metric	English	Comments
Solids Content	75 - 80 % @Temperature 700 Å°C	75 - 80 % @Temperature 1290 Å°F	
Viscosity	3000 - 5000 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	3000 - 5000 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake VT 550 PK1.1 Å°
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.000023 ohm-cm	0.000023 ohm-cm	Cured at 150 Å°C for 30 min

Processing Properties	Metric	English	Comments
Cure Time	30.0 min @Temperature 150 Å°C	0.500 hour @Temperature 302 Å°F	
Shelf Life	6.00 Month	6.00 Month	

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