

Gwent Electronic Materials C2090908D1 Gold Ink

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

Material Notes:

C2090908D1 is a screen printable gold ink designed for printing high definition electrodes in sensor applications. The ink is designed for firing at high temperatures on ceramic substrates. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 156-325tpi Substrate: 96% Alumina or similar ceramic substrates Typical Firing Conditions: 700Å°C peak for 10 min using a 40 min cycle. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2090908D1-Gold-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	80 - 82 % @Temperature 700 Å°C	80 - 82 % @Temperature 1290 Å°F	
Viscosity	56000 - 62000 cP @Shear Rate 50.0 1/s, Temperature 25.0 Å°C	56000 - 62000 cP @Shear Rate 50.0 1/s, Temperature 77.0 Å°F	Haake VT 550 PK2.1 Å°
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Processing Properties	Metric	English	Comments
Cure Time	10.0 min @Temperature 150 Å°C	0.167 hour @Temperature 302 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	130	Using a 230 mesh stainless steel screen

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