

Gwent Electronic Materials C2090428D4 Gold Ink

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

Material Notes:

Gold Ink is a fritted system that has been designed as a screen printing ink for uses on Alumina. It is also suitable for firing onto other high temperature substrates. This product should be used in applications where a porous gold electrode is required. Screen Printing Equipment: semi-automatic, manual
 Screen Types: stainless steel, polyester, mesh 230-325 tpi
 Substrate: Alumina and other high temperature substrates
 Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2090428D4-Gold-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	81.5 - 83.5 % @Temperature 700 Å°C	81.5 - 83.5 % @Temperature 1290 Å°F	
Viscosity	25000 - 40000 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	25000 - 40000 cP @Shear Rate 230 1/s, Temperature 77.0 Å°F	Haake VT 550 PK1.1Å°
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Processing Properties	Metric	English	Comments
Sintering Temperature	750 - 850 Å°C	1380 - 1560 Å°F	oxidizing atmosphere
Cure Time	10.0 min @Temperature 125 Å°C	0.167 hour @Temperature 257 Å°F	
	15.0 min @Temperature 100 Å°C	0.250 hour @Temperature 212 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	65	Using a 230 mesh stainless steel screen

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