

Gwent Electronic Materials C2071218D1 Gold Ink

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

Material Notes:

Gold Ink C2071218D1 is a fritted system that has been designed as a screen printing termination ink NTC components. It is also suitable for firing onto other high temperature substrates. This product is RoHS compliant. This product is suitable for repeat firing application where minimal change in electrical conductivity is required. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 230-325 tpi Substrate: NTC components, 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-C2071218D1-Gold-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	79 - 81 % @Temperature 700 Å°C	79 - 81 % @Temperature 1290 Å°F	
Viscosity	4500 - 7500 cP @Shear Rate 230 1/s, Temperature 25.0 Å°C	4500 - 7500 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

Processing Properties	Metric	English	Comments
Sintering Temperature	750 - 850 Å°C	1380 - 1560 Å°F	
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 cm ² /g	91	Using a 230 mesh stainless steel screen

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