

Gwent Electronic Materials C2070117D2 Gold Ink

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

Material Notes:

Gold Ink C2070117D2 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 ink has been developed for use as a porous gold electrode with electroceramics. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester, mesh 230-325tpi Substrate: Alumina and other high temperature substrates Typical Firing Conditions: 750 - 850Å°C in an oxidizing atmosphere. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2070117D2-Gold-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	86 - 88 % @Temperature 700 Å°C	86 - 88 % @Temperature 1290 Å°F	
Viscosity	34000 - 38000 cP @Shear Rate 50.0 1/s, Temperature 25.0 Å°C	34000 - 38000 cP @Shear Rate 50.0 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
Cure Time	10.0 min @Temperature 150 Å°C	0.167 hour @Temperature 302 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	60	Using a 230 mesh stainless steel screen

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