

Gwent Electronic Materials C2000904P3 Platinum Ink

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

Material Notes:

It can be used on partially stabilized zirconia and tape cast Materials. The Platinum powder contained within this paste has low shrinkage and high adhesion to ceramic substrates. Screen Printing Equipment: semi-automatic, manual
Screen Types: stainless steel, polyester, mesh 156-325 tpi
Substrate: Partially stabilized zirconia and tape cast Materials
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2000904P3-Platinum-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	69.75 - 70.25 %	69.75 - 70.25 %	
	@Temperature 800 Å°C	@Temperature 1470 Å°F	
Viscosity	9100 - 18800 cP	9100 - 18800 cP	Haake VT 550 PK1.1Å°
	@Shear Rate 230 1/s, Temperature 25.0 Å°C	@Shear Rate 230 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	sealed container

Processing Properties	Metric	English	Comments
Sintering Temperature	>= 850 Å°C	>= 1560 Å°F	For at least 10 mins
Cure Time	10.0 min	0.167 hour	
	@Temperature 125 Å°C	@Temperature 257 Å°F	
Shelf Life	15.0 min	0.250 hour	
	@Temperature 100 Å°C	@Temperature 212 Å°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	136	Using a 230 mesh stainless steel screen

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