

Gwent Electronic Materials C2031105D2 Palladium Ink

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

Material Notes:

Palladium Ink C2031105D2 is an ink formulated for screen printing for use on Fuel Cells. It is suitable for application onto Solid Oxide Fuel Cells. The ink has been made at a ready to use viscosity and should be thoroughly stirred before use avoiding introduction of air bubbles. It can be printed on automatic and semi automatic screen printers. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2031105D2-Palladium-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	70 %	70 %	
Particle Size	<= 5.0 Åµm	<= 5.0 Åµm	Main Break; Fineness of Grind
	<= 8.0 Åµm	<= 8.0 Åµm	3rd Streak; Fineness of Grind
Viscosity	10000 cP	10000 cP	Haake VT550 cone and plate viscometer (PK1.1Å°)
	@Shear Rate 100 1/s, Temperature 25.0 Å°C	@Shear Rate 100 1/s, Temperature 77.0 Å°F	
Storage Temperature	20.0 Å°C	68.0 Å°F	

Processing Properties	Metric	English	Comments
Processing Temperature	120 - 150 Å°C	248 - 302 Å°F	
Cure Time	10.0 - 15 min	0.167 - 0.25 hour	
Shelf Life	3.00 Month	3.00 Month	

Descriptive Properties	Value	Comments
Printing Mesh counts/inch	180 to 340	stainless steel or polyester screens

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