

Gwent Electronic Materials C2090615D1 70:30 Silver Palladium Ink

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

Material Notes:

C2090615D1 is an ink based on a 70:30 ratio of Silver:Palladium. It is designed as an internal electrode ink. Screen Printing Equipment: semi-automatic, manual
Screen Types: stainless steel, polyester
Substrate: Multilayer or Single layer PZT tapes and foils
Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2090615D1-7030-Silver-Palladium-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	55.5 - 57.5 %	55.5 - 57.5 %	
	@Temperature 800 °C	@Temperature 1470 °F	
Viscosity	9250 cP	9250 cP	Haake VT 550 PK1.1°
	@Shear Rate 230 1/s, Temperature 25.0 °C	@Shear Rate 230 1/s, Temperature 77.0 °F	
Storage Temperature	20.0 °C	68.0 °F	sealed container

Thermal Properties	Metric	English	Comments
Shrinkage	15 - 20 %	15 - 20 %	

Processing Properties	Metric	English	Comments
Sintering Temperature	850 - 1150 °C	1560 - 2100 °F	
Cure Time	15.0 min	0.250 hour	
	@Temperature 120 °C	@Temperature 248 °F	
Shelf Life	6.00 Month	6.00 Month	

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