

Gwent Electronic Materials C2100217D1 Aluminium for PTC paste

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

Material Notes:

Aluminium Ink designed to give good ohmic contact on to barium titanate PTC components. This product is particularly good where large volumes of PTC components are being processed in belt furnaces conditions, where improved stain resistance and good visual appearance are required. Screen Printing Equipment: semi-automatic, manual Screen Types: stainless steel, polyester Substrate: PTC ceramic parts Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2100217D1-Aluminium-for-PTC-paste.php

Physical Properties	Metric	English	Comments
Solids Content	68 - 72 %	68 - 72 %	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Viscosity	11000 - 18000 cP	11000 - 18000 cP	Haake VT 550 PK1.1Â°
	@Shear Rate 230 1/s, Temperature 25.0 Â°C	@Shear Rate 230 1/s, Temperature 77.0 Â°F	
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Processing Properties	Metric	English	Comments
Sintering Temperature	780 - 910 Â°C	1440 - 1670 Â°F	
Cure Time	15.0 min	0.250 hour	
	@Temperature 150 Â°C	@Temperature 302 Â°F	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Coverage cm ² /g	227	Using a 230 mesh stainless steel screen

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