

Gwent Electronic Materials C2040712D5 Ink Jet Printable Silver Ink

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

Material Notes:

This product is an Organo-Silver compound in Aromatic Hydrocarbon solvent designed specifically for ink jet printing using a Dot-on-Demand print head. The ink is in a ready to use form at a viscosity suitable for printing via an ink jet printer using a Dot-on-Demand print head. When dried at the recommended conditions the printed ink gives resistivity values of 1.3 to 2 times the theoretical resistivity of bulk silver. Ink Jet Printing Equipment: Dot-on-Demand head, Xaar or Spectra head recommended. Substrate: The Silver conductor produced in this way will adhere to a variety of substrates including Alumina, Glass, Polyamide and Polyester. Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-C2040712D5-Ink-Jet-Printable-Silver-Ink.php

Physical Properties	Metric	English	Comments
Solids Content	11 - 15 % @Temperature 150 Â°C	11 - 15 % @Temperature 302 Â°F	for 2 hours
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container, out of direct sunlight

Processing Properties	Metric	English	Comments
Cure Time	10.0 min @Temperature 23.0 Â°C	0.167 hour @Temperature 73.4 Â°F	first step
	60.0 min @Temperature 150 Â°C	1.00 hour @Temperature 302 Â°F	second step
Shelf Life	3.00 Month	3.00 Month	

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