

Gwent Electronic Materials D2020409D8 Dielectric for Stainless Steel

Category : Fluid , Other Engineering Material , Ceramic/Metallic Coating , Polymer , Thermoplastic , Adhesives, Sealants, and Coatings

Material Notes:

Dielectric is suitable for use as an insulation layer when printed and fired on to stainless steel. The thermal coefficient of expansion of this product has been matched to that of stainless steel. It is compatible with a range of high temperature conductors available from the GEM product range. It is suitable for printing directly on to stainless steel. Screen Printing Equipment: semi-automatic, automatic Screen Types: stainless steel, polyester, mesh 156-325 tpi Substrate: stainless steel Information provided by Gwent Electronic Materials Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gwent-Electronic-Materials-D2020409D8-Dielectric-for-Stainless-Steel.php

Physical Properties	Metric	English	Comments
Solids Content	69.5 - 70.5 % @Temperature 700 Â°C	69.5 - 70.5 % @Temperature 1290 Â°F	
Viscosity	20000 - 25000 cP @Shear Rate 50.0 1/s, Temperature 25.0 Â°C	20000 - 25000 cP @Shear Rate 50.0 1/s, Temperature 77.0 Â°F	Haake VT 550 PK1.1 Â°
Thickness	32.0 microns	1.26 mil	230 mesh stainless steel screen with a 13 Âµm emulsion back off
Storage Temperature	20.0 Â°C	68.0 Â°F	sealed container

Processing Properties	Metric	English	Comments
Sintering Temperature	>= 850 Â°C	>= 1560 Â°F	
Cure Time	10.0 min @Temperature 150 Â°C	0.167 hour @Temperature 302 Â°F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Coverage cm2/g	120	Using a 230 mesh stainless steel screen

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China