Conductive Silver Paste
62210002

Product description

62210002 is an Ag paste especially designed for metallization of Ceramic, Glass, Epoxy and Pertinax.

62210002 is formulated and processed to be RoHS compliant.

Working Conditions

The application of the paste is recommended as follows:

Redispersion: Please ensure that the paste is carefully homogenized before use. We recommend to use an electrical propeller stirrer at appr. 300 rpm for 10 min.

Thinner: This paste has a ready to use viscosity. If viscosity adjustment is necessary please use our thinner 68100070.

Printing: 156 – 230 mesh stainless steel or polyester screen.

Drying: 1 h at 200 °C, Air forced oven

Storage conditions: To avoid sedimentation of the solids and to prevent ageing of the paste we recommend storage conditions between 4 – 20 °C. If longer storage than 6 months is necessary we strongly recommend to store cool between 4 – 8 °C.

<table>
<thead>
<tr>
<th>Product properties</th>
<th>Methods</th>
<th>Data</th>
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</thead>
<tbody>
<tr>
<td>Silver content</td>
<td>At 800 °C, 10 minutes</td>
<td>55.0 ± 0.5%</td>
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<tr>
<td>Viscosity</td>
<td>Plate/cone - system, Shear rate 0 – 200 s⁻¹, 1 minute at 20 °C</td>
<td>9.0 – 11.5 Pa.s at 100 s⁻¹</td>
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<tr>
<td>Resistivity</td>
<td></td>
<td>≤ 50 mΩ/square; 10 µm thickness</td>
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