PRODUCT DESCRIPTION
Copprint LF-370 provides the following product characteristics:

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technology</strong></td>
<td>Screen printing</td>
</tr>
<tr>
<td><strong>Appearance</strong></td>
<td>Copperish paste</td>
</tr>
<tr>
<td><strong>Filler Type</strong></td>
<td>Copper</td>
</tr>
<tr>
<td><strong>Product Benefits</strong></td>
<td>• Ultra high conductivity • Excellent adhesion • Excellent printability with screen printing</td>
</tr>
<tr>
<td><strong>Drying</strong></td>
<td>Ceramic lamps/hot air/thermal plate</td>
</tr>
<tr>
<td><strong>Sintering</strong></td>
<td>R2R or Heat press</td>
</tr>
<tr>
<td><strong>Application</strong></td>
<td>Conductive Ink</td>
</tr>
<tr>
<td><strong>Key Substrates</strong></td>
<td>FR4</td>
</tr>
<tr>
<td><strong>Typical Assembly Applications</strong></td>
<td>FPCB and PCB</td>
</tr>
</tbody>
</table>

Copprint LF-370 screen printable paste is formulated to provide high electrical conductivity.

TYPICAL PROPERTIES OF UNCURED MATERIAL

**Physical Properties**
- Adhesion, (tape test 3M Scotch 234) pass
- Cross cut test ISO 2409-2007 5b

**Electrical Properties**
- Sheet Resistance, ohm/sq/25 µm <0.0025

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GENERAL INFORMATION

For safe handling information on this product, consult the Safety Data Sheet, (SDS).

DIRECTIONS FOR USE

**Preparation guidelines**
1. Copprint LF-370 is supplied as “Sinter ready” formulation ready for use.
2. Mix formulation prior print.
   - Detailed procedure can be found in Application Notes www.copprint.com

**Application (screen properties)**
- Emulsion, Solvent and Water resistant emulsion, µm 10 to 40
- Squeegee Shore Hardness 70 to 90
- Screen Type, Polyester screen, mesh 100 to 300

CLEAN-UP

The equipment can be cleaned with Dowanol DB followed by water.

STORAGE:

Store product in the tightly closed container in a dry location below -10°C. Open the container carefully. Storage information may be indicated on the product container labeling.

Optimal Storage: below -10°C. Storage above -10°C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container. Copprint cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated.

Not for product specifications

The technical data contained herein are intended as reference only.