**PRODUCT DESCRIPTION**

Copprint LF-300 provides the following product characteristics:

<table>
<thead>
<tr>
<th>Technology</th>
<th>Screen printing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Copperish paste</td>
</tr>
<tr>
<td>Filler Type</td>
<td>Copper</td>
</tr>
</tbody>
</table>

**Product Benefits**
- High conductivity
- Small particle size
- Excellent adhesion
- Excellent printability with screen printing

**Drying**
- Ceramic lamps/heat press
- Hot air/thermal plate

**Sintering**
- Ceramic lamps/heat press
- Hot air/Reflow oven

**Key Substrates**
- Paper

**Typical Assembly Applications**
- UHF and HF antenna, heaters and sensors

Copprint LF 300 screen printable paste is formulated to provide high electrical conductivity.

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**TYPICAL PROPERTIES OF UNCURED MATERIAL**

**Physical Properties**
- Adhesion, (tape test 3M Scotch 234): pass
- Electrical Properties:
  - Sheet Resistance, ohm/sq/25 µm <0.003

**General Information**

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

**Directions for Use**

**Preparation guidelines**
1. Copprint LF-300 is supplied as “Sinter ready” formulation ready for use.
2. Mix formulation prior to print.
   - Detailed procedure can be found in Application Notes [www.copprint.com](http://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.

**Note for product specifications**

The technical data contained herein are intended as reference only.