C 4350 is a Au conductor incorporating a low melting frit. This gold is suitable for low firing applications such as glass displays and soda lime substrate structures. C 4350 is supplied in a screen printing viscosity.

**Key Benefits**
- REACH\(^1\) and ROHS\(^2\) compliant
- Low firing temperature
- High conductivity
- Screen printable

**Recommended Processing Guidelines**

**Printing**
325 mesh stainless steel screen
0.5 mil emulsion

**Drying**
150 °C for 5 – 10 minutes

**Firing**
525 – 650 °C peak temperature
Dwell time of 5 – 6 minutes at peak

**Thickness**
- Fired: 10 – 14 µm

**Thinner**
RV-372

**Fine Line Resolution**
< 7 mils (175 µm)

**Warranty**
Material guaranteed to meet specifications for 6 months from date of shipment.

**Storage**
Store in a dry location at 5 °C – 25 °C.

**DO NOT REFRIGERATE.**
Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

**Typical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resistivity</strong></td>
<td>≤ 6.0 mΩ/□ at 12 µm fired film thickness</td>
</tr>
<tr>
<td><strong>Viscosity</strong></td>
<td>230 – 270 Kcps Brookfield HBT #14 spindle at 10 rpm, 25 °C</td>
</tr>
<tr>
<td><strong>Solids</strong></td>
<td>90.0 ± 1.0 %</td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>55 cm²/g at 12 µm fired film thickness</td>
</tr>
<tr>
<td><strong>FOG</strong></td>
<td>≤ 15 µm at 4th scratch</td>
</tr>
</tbody>
</table>

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\(^1\) REACH = Registration, Evaluation, Authorization and Restriction of Chemicals
\(^2\) ROHS = Restriction of Hazardous Substances
Legend:

1) REACH compliant according to the latest ** Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (“REACH”) by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

2) RoHS compliant according to the latest ** Directives (European Union) of Restriction of Hazardous Substances (“RoHS”) and its subsequent amendments (including the exceptions related to Pb)

* See the data sheet issue date (DD/MM/YY) as reference of validity of latest edition which is available on request.