

C4350

Conductor

Description

C4350 is an Au conductor incorporating a low melting frit. This gold is suitable for low firing applications such as glass displays and soda lime substrate structures. C4350 is supplied in a screen printing viscosity.

Key Features

- Low firing temperature High conductivity Screen printable



This picture does not show the packaging of C4350 and is solely intended for illustration purposes. The products are available in different packaging configurations and may change over time. Please refer to the latest safety data sheets for safety-relevant pictograms.

Typical Properties

| | |
|--------------|---|
| Conductivity | ≤ 6.0 milliohms/square at 12 um fired film thickness |
| Viscosity | 230 – 270 Kcps Brookfield HBT#14 spindle at 10 rpm, 25 °C |
| Solids | 90.0 ± 1.0 % |
| Alloy Ratio | 100 |
| Coverage | 55 cm ² /g at 12 μm fired film thickness |
| Metal | Au |

Recommended Processing Guide

| | |
|---------------------------|---|
| Printing Parameters | 325 mesh stainless steel screen 0.5 mil emulsion |
| Drying Temperature | 150 °C for 5 – 10 minutes |
| Process Temperature (TDS) | 525 – 650 °C peak temperature Dwell time of 5 – 6 minutes at peak |
| Film Thickness | 10 – 14 μm |
| Recommended Thinner | RV-372 |

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Warranty

6 months

Storage

Store in a dry location at 5°C-25°C

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