

C8640

Conductor

Description

C8640 is a eutectic Au/Cu conductor. The rheology designed for screen printing and is fired in air.

Key Features

- Low resistivity Fires in air atmosphere



This picture does not show the packaging of C8640 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	≤ 7 milliohms/square at 12 um fired film thickness
Viscosity	100 – 150 Kcps Brookfield HBTSC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C
Metal	AgCu

Recommended Processing Guide

Process Temperature (TDS)	850 °C peak temperature Dwell time of 10 – 12 minutes at peak Total cycle time 30 – 60 minutes
Film Thickness	10 – 14 µm

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