

C2230

Conductor

Description

C2230 is a 3:1 Ag/Pd conductor paste which exhibits a high density, high reliability and good fine line resolution. It fires to a smooth surface and is mechanically durable and chemically resistant. Due to these characteristics, C2230 is a recommended material for applications such as fuel sensors.

Key Features

- Excellent conductivity, leach resistance and resistance to silver migration



This picture does not show the packaging of C2230 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	≤ 40 milliohms/square (FFT: 12 μm)
Viscosity	30 – 50 Pas (25 °C, D = 100/s)
Solids	84.5 % ± 1.5 %
Alloy Ratio	3 : 1
Metal	AgPd
Color	Dark Grey

Recommended Processing Guide

Printing Parameters	Print through a 325 mesh stainless steel screen. Total thickness: approx. 75 μm
Printing Speed	Up to 20 cm/s
Drying Temperature	Level at room temperature for 5 – 10 minutes. Dry at 150 °C for 10 – 20 minutes.
Process Temperature (TDS)	Fire at 850 °C for 10 minutes, and with a total firing cycle time of c. 30 – 60 minutes
Film Thickness	8.0 – 12.0 μm
Recommended Thinner	HVS-507

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Warranty

6 months

Storage

Store in a dry, cool (5 – 25 °C) and dark place with container tightly shut

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