

C4081D

Conductor, Component Metallization

Description

C4081D is a Ag/Pd/Pt formulation which provides outstanding leach resistance and aged adhesion with many types of solder. This material has excellent silver migration resistance. C4081D prints and hold 5 mil lines and spaces. It's exceptional coverage makes C4081D cost effective to use.

Key Features

- Excellent Ag migration resistance High coverage Outstanding leach resistance



This picture does not show the packaging of C4081D 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	≤ 187 milliohms per square at 8.5 microns fired film thickness
Viscosity	310-340 Kcps, Brookfield HBT, spindle #6 @ 10 rpm, 25 °C
Solids	71.1 ±1%
Coverage	169 cm ² /g at 10 microns fired film thickness
Metal	AgPdPt

Recommended Processing Guide

Printing Parameters	280 stainless steel mesh 0.5 mil emulsion
Drying Temperature	150°C for 10 minutes
Process Temperature (TDS)	850°C peak temperature Dwell time of 9-11 minutes
Film Thickness	Wet: 30-34 microns Fired: 7-10 microns
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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