

C4081D

Conductor

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

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	AgPtPd

Recommended Processing Guide

Process Temperature (TDS)	850°C peak temperature. Dwell time of 9-11 minutes.
Film Thickness	7-1+U370 um

C4081D

Conductor

Warranty

6 months

Americas

Phone +1 610 825 6050

electronics.americas@heraeus.com

Asia Pacific

Phone +65 6571 7649

electronics.apac@heraeus.com

China

Phone +86 53 5815 9601

electronics.china@heraeus.com

Europe, Middle East and Africa

Phone +49 6181 35 4370

electronics.emea@heraeus.com

The descriptions and engineering data shown here have been compiled by Heraeus using commonly accepted procedures, in conjunction with modern testing equipment, and have been compiled as according to the latest factual knowledge in our possession. The information was up-to date on the date this document was printed (latest versions can always be supplied upon request). Although the data is considered accurate, we cannot guarantee accuracy, the results obtained from its use, or any patent infringement resulting from its use (unless this is contractually and explicitly agreed in writing, in advance). The data is supplied on the condition that the user shall conduct tests to determine materials suitability for particular application. The Heraeus logo and Heraeus, figurative mark are trademarks or registered trademarks of Heraeus Holding GmbH or its affiliates. All rights reserved.