

C4741

Conductor

Description

C4741 is a Silver/Platinum conductor with 1.5 % Platinum in the wet paste. It is a new member of HERAEUS' line of conductors with excellent fired film density, high conductivity and good solder leach resistance for applications at elevated temperatures.

Key Features

- Excellent leach resistance Excellent initial and aged adhesion High conductivity Excellent fired film density



This picture does not show the packaging of C4741 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 | ≤ 5.0 milliohms/square (FFT: 12 μm) |
| Viscosity | 20 – 40 Pas (25 °C, D = 100/s) |
| Metal | AgPt |

Recommended Processing Guide

| | |
|---------------------------|---|
| Process Temperature (TDS) | Fire at 850 °C (peak) for 10 – 12 minutes, and with a total firing cycle time of c. 30 – 60 minutes |
| Film Thickness | 10 – 15 μm |

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Version (last updated) 26 Feb 2026