

## DC430-843

### Conductor

#### Description

DC430-843 is a low cost, Ag/Pt conductor material that utilizes a mixed-bond system for providing particularly excellent adhesion to alumina and beryllium oxide substrates. The paste is easily used to print fine line patterns or large area ground planes. DC430-843 can also be used in multilayer applications, in combination with dielectric IP9117 Series. In this regard, it is particularly useful as an inner-layer conductor. Resulting films are dense and uniform, and feature all the advantages of a fritless system, combined with the advantages of a mixed-bond system.



*This picture does not show the packaging of DC430-843 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	≤ 4.0 milliohms/square (FFT: 12 μm)
Viscosity	30 – 50 Pas (25 °C, D = 100/s)
Metal	AgPt

#### Recommended Processing Guide

Process Temperature (TDS)	Fire at 850 °C (peak) for 10 minutes, and with a total firing cycle time of c. 30 – 60 minutes
Film Thickness	12.5 – 15.5 μm

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