

C2140

Conductor

Description

C2140 is a Pd/Ag composition designed for applications where more leach resistance is required. The C2140 conductor is suitable for a wide variety of applications such as automotive electronics, power hybrids and commercial circuits where more stringent requirements exist. It exhibits excellent solderability, aged adhesion and is aluminum wire bondable.

Key Features

- Excellent solderability and leach resistance
- Excellent long term adhesion
- Good Al wire bond adhesion (initial and aged)



This picture does not show the packaging of C2140 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	180-260 Kcps Brookfield HBTSC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C
Solids	78.75 ± 0.75 %
Alloy Ratio	04:01
Coverage	75 cm ² /g at 12 um fired film thickness
Metal	AgPd
Color	Dark Grey

Recommended Processing Guide

Process Temperature (TDS)	850 °C peak temperature. 10 minutes at peak. Total cycle time 30-60 minutes.
Film Thickness	10-15 um

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Warranty

6 months

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