

## C4727

### Conductor

#### Description

C4727 is a Ag/Pt conductor, designed for low cost applications. C4727 is a member of Heraeus' conductors with excellent fired film density, high conductivity, good solder leach resistance, excellent solder acceptance and is aluminum wire bondable.

#### Key Features

- Excellent fired film density Good Al wire bond adhesion (initial and aged)



*This picture does not show the packaging of C4727 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	≤ 3.5 milliohms/square at 12 um fired film thickness
Viscosity	160 – 220 Kcps Brookfield HBTSC4 – 14 spindle, 6R cup at 10 rpm, 25°C
Solids	81.5 ± 1.0 %
Metal	AgPt

#### Recommended Processing Guide

Printing Parameters	230 – 325 mesh stainless steel screen 0.5 mil emulsion
Drying Temperature	150 °C for 10 minutes
Process Temperature (TDS)	850 °C peak temperature Dwell time of 10 – 12 minutes Total cycle time 36 – 60 minutes
Film Thickness	Dried 23 – 27 µm Fired 10 – 15 µm
Recommended Thinner	RV-372

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