

A4338A

Conductor

Description

A4338A is an unfritted platinum paste, which fires to a pure platinum surface. A4338A has a rheology suitable for brushing.

Key Features

- Unfritted platinum paste
- Can be used on alumina, zirconia or titania bodies



This picture does not show the packaging of A4338A 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	922-1410 cps Brookfield RVT #14 spindle, 6R utility cup at 100 rpm, 25 °C
Solids	64.4 ± 1.5 %
Alloy Ratio	100
Coverage	210 cm ² /g at 6 microns fired film thickness
Metal	Pt
Color	Black

Recommended Processing Guide

Printing Parameters	280 mesh stainless steel screen. 0.5 mil emulsion.
Drying Temperature	125°C peak temperature, 15 minutes at peak temperature
Process Temperature (TDS)	850-1100 °C peak temperature. Dwell time of 9-11 minutes.
Film Thickness	Wet: 19-23 um Dried: 8-12 um Fired: 4-8 um
Recommended Thinner	RV-252

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Warranty

Material guaranteed to meet specifications for 3 months from date of shipment.

Storage

Store in a dry condition at 5-25 °C, DO NOT REFRIGERATE. Allow paste to come to room temperature prior to opening. Spatulate well before using, as settling may occur during storage.

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