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

**Description**

- Unfritted platinum paste
- Can be used on Alumina, Zirconia or Titania bodies
- Pb free
- ROHS compliant

**Key Benefits**

- Unfritted platinum paste
- Can be used on Alumina, Zirconia or Titania bodies
- Pb free
- ROHS compliant

**Typical Properties**

**Metal Type**
Platinum

**Colour**
Black paste

**Viscosity**
15 – 20 Kcps Brookfield RVT
SC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C

**% Solids**
63.0 ± 1.0 %

**FOG**
≤ 10 µm (at 4th streak)

**Recommended Processing Guidelines**

**Printing**
280 mesh stainless steel screen
0.5 mil emulsion

**Thicknesses:**
- Wet: 19 – 23 µm
- Dried: 8 – 12 µm
- Fired: 4 – 8 µm

**Coverage**
210 cm²/g at 6 µm fired film thickness

**Drying**
125 °C peak temperature
15 minutes at peak temperature

**Firing**
850 – 1100 °C peak temperature
Dwell time of 9 – 11 minutes

**Thinner:**
RV-252

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

**Storage:**
Store in a dry location 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.
Technical Data Sheet

Platinum Conductor

Legend:

1) RoHS compliant according to the latest * Directives (European Union) of Restriction of Hazardous Substances ("RoHS") and its subsequent amendments (including the exceptions related to Pb)