451BA is a low firing fritted platinum conductor paste. 451BA exhibits excellent solderability on glass substrates.

**Key Benefits**
- Low firing temperature
- Excellent solderability
- REACH¹ and ROHS² compliant

**Typical Properties**

**Solderability (After burnishing fired film)**
Sn62/Pb36/Ag2 at 225 °C, RMA flux ≥ 95 % coverage

**Viscosity**
900 – 5,000 cps Brookfield RVT
SC4 – 14 spindle, 6R utility cup at 10 rpm, 25 °C

**Solids**
60.0 ± 1.0 %

**Recommended Processing Guidelines**

**Application**
Brushing

**Drying**
150 °C for 10 minutes

**Firing**
600 – 650 °C peak temperature
Dwell time of 10 minutes
45 minute cycle time

**Thinner:**
RV-372

**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.

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¹ REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.
² ROHS: Restriction of Hazardous Substances.
Legend:

1) REACH compliant according to the latest * Annex XIV to Regulation (EC) of the European Parliament and of the council on the Registration, Evaluation, Authorisation and Restriction of Chemicals ("REACH") by European Chemicals Agency and its subsequent amendments; the material does not contain any substance listed in Annex XIV.

2) 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)