

Specification Sheet

Conductive Platinum Paste

(Pt, Purity: 99.9%, APS: 80-100nm)

Stock No: NS6130-10-1307, CAS: 7440-06-4

Product	:	Conductive Platinum Paste
Stock No	:	NS6130-10-1307
CAS	:	7440-06-4
Purity	:	99.9%
APS	:	80-100nm
Molecular Formula	:	Pt
Molecular Weight	:	195.08 g/mol
Form	:	Paste
Color	:	Grey
Melting Point	:	1772 °C
Boiling Point	:	3827 °C
Density	:	21.45 g/cm ³
Viscosity	:	2500-4500 mPa
Storage temp.	:	2-8 °C
Paste Data		
Rheology	:	Thixotropic, Screen Printable Pastes
Viscosity	:	315±100 Pa:S (Brookfield Hbt)
Shelf Life	:	6 Months
Processing		
Screen Mesh/Emulsion	:	200-325 Mesh/5 μm
Peak Firing Temperature	:	1350 ± 10°C
Time at Peak	:	30 Minutes
Typical Properties		
Resistivity	:	≤ 20 MΩ/Sq
Adhesion	:	≥ 12 N
Substrate of Calibration	:	96% Alumina

Thinner : Standard LR Grade

Main Inspect Verifier : **Manager QC**

Note: Product Specification are subject to amendment and may change over time

