



Plating Factors For Platinum Bath Plating Solution (PTBPS)

PTBPS is a ready-to-use plating bath at the concentration of 2.5 g/l of platinum. No preparation is required only but heating the solution to upto (70 – 75)°C. Ultrabright platinum deposit is observed at the stated optimal temperature.

The initial platinum concentration; for example, with a bath operating at a concentration of 2.5 g / l it can be used upto a maximum consumption of **0.4 g / l** of platinum.

Plating Factors	
Maximum deposit thickness	10 microns
Temperature	75°C
Ampere	0.92 amps
pH	5 – 6
Platinum concentration	2.5 gm / ltr
Agitation	None to Minimum
Anodes	Platinised Titanium or Platinum Strip
Lightness (L*) of deposit	78
Platinum purity	99,90%
Hardness	450 – 500 Hv
Density of deposit	21.3 g/cm³
Storage requirements	Away from sunlight
Shelf life	Over 2 years
Health and Safety classification	Irritant
Special considerations	None