

### PALLADOR 305

PALLADIUM FOR PLATING SOLUTION

Colour : **White palladium**

Use : **Bath**

Colour coordinates : **L:85.0**

**a:1.0**

**b:4.0**

#### Product description

PALLADOR 305 is a palladium-nichel plating bath purposely designed for thickness plating ( up to 10 micron). PALLADOR 305 is characterised by the considerable compactness and resistance of the galvanic layer which makes it particularly suitable as a barrier against the diffusion of gold deposits on copper and its alloys.

#### Operating conditions

Parameter	Average suggested value
Deposition time	240 seconds
Temperature	25 °C
Voltage	2.2 V
Current density	1 A/dm <sup>2</sup>
Cathodic efficiency	23 mg/Amin
Deposition speed	0.25 um/min
Anodes	Ti/Pt net
Agitation	Moderate
Ventilation	Necessary

#### Maintenance of plating bath

For small plating solution volumes ( up to 10 litres ) we suggest to use the bath without replenisher . For higher volumes we suggest to use the related replenisher composing the bath:

- **PALLADOR 300RP** : add 23 ml of **PALLADOR 300RPA** and 5 ml of **PALLADOR 300RPB** every 100 Amin.
- **PALLADOR 300RA** : add after analysis.
- **PALLADOR 300RB** : add after analysis.
- **PALLADOR 300RC** : add after analysis.
- **PALLADOR 300RN** : add after analysis.
- **PALLADOR 300WA** : add after analysis.
- **PALLADOR 300S** : add after analysis.

#### Safety Information

Please refer to the safety data sheets for any information regarding safety and disposal ( MSDS ).

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#### Products related

Cod.Articles	Description	Colour	Packaging
PD012001	PALLADOR 305 Palladium-Nickel ready to use solution	White	1 L
PD010901	PALLADOR 300RA replenisher additive		1 L
PD011001	PALLADOR 300RB replenisher additive		1 L
PD012401	PALLADOR 300WA wetting agent		1 L
PD012501	PALLADOR 300RC replenisher additive		1 L
PD015505	PALLADOR 300RN nichel replenisher 100 g/L		1 L
PD016701	PALLADOR 300S conducting salts		1 kg
PD015101	PALLADOR 300RP complete replenisher unit		1 L - 200 ml
PD017001	PALLADOR 300BS Make up solution		1 L - 25 L