

PALLADOR 205

PALLADIUM FOR PLATING SOLUTION

Colour : **White palladium**

Use : **Bath**

Colour coordinates : **L:85.0**

a:1.0

b:4.2

Product description

PALLADOR 205 is a ready-to-use palladium plating bath purposely designed for thickness plating. PALLADOR 205 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. These characteristics of compactness and resistance also make PALLADOR 205 particularly suitable for use as an intermediate layer between white gold and rhodium, considerably reducing the possibility of scratches and abrasion of the rhodium-plated layer affecting the alloy below.

Operating conditions

Parameter	Average suggested value
Deposition time	240 seconds
Temperature	40 °C
Voltage	2.2 V
Current density	1 A/dm ²
Cathodic efficiency	30 mg/Amin
Deposition speed	0.27 u/min
Anodes	Ti/Pt net
Agitation	Moderate
Ventilatio	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 200RP** or **PALLADOR 220RP**: add 7 g of **PALLADOR 200RPA** or **PALLADOR 220RPA** and 35 ml of **PALLADOR 200RPB** or **PALLADOR 220RPB** every 100 Amin.
- **PALLADOR 200RA** : add after analysis.
- **PALLADOR 200RB** : add after analysis.
- **PALLADOR 200RC** : add after analysis.
- **PALLADOR 200RD** : add after analysis.
- **PALLADOR 200WA** : add after analysis.
- **PALLADOR 200S** : 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
PD013601	PALLADOR 205 Palladium plating solution ready to use	White	5 g/l
PD013701	PALLADOR 200RP palladium replenisher 100 g		100 g + 1 L
PD013801	PALLADOR 220RP palladium replenisher 20 g		20 g + 200 ml
PD014001	PALLADOR 200RA brightener		1 L
PD013901	PALLADOR 200RB brightener		1 L
PD014101	PALLADOR 200WA wetting agent		1 L
PD014201	PALLADOR 200S Conducting salts for palladium plating		1 Kg
PD012101	PALLADOR 200RC additive		1 L
PD011101	PALLADOR 200RD additive		1 L
PD016801	PALLADOR 200BS Palladium plating base solution		1 L