

Metal deposition



Pallega® blend Ni

Mirrorbright alloy deposits

Pallega® blend Ni process is an ammonia based electrolyte from which a bright palladium-nickel alloy with a composition of about 80 % palladium and about 20 % nickel can be deposited.



Properties and Benefits

- Bright deposits
- Cost saving especially when plating high thicknesses
- Good corrosion protection properties
- $L^* = 84,5$, $a = +1$, $b = +5$

Application area

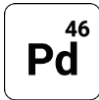
- Watches
- Technical applications

Pallega blend Ni_E

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Metal deposition



Technical Data

Electrolyte parameters		
Parameter	Range	Optimum
Specific gravity	8 °Bé/20°C	
pH-Value	7,7 – 8,3	8,0
Palladium	7,5 – 8,5 g/l	8,0 g/l
Nickel	7,5 – 8,5 g/l	8,0 g/l
Temperature	33 – 37 °C	35 °C
Anodes	Mixed Oxides	
Current density	0,5 – 1,5 A/dm ²	
Current efficiency at 1 A/dm ²		ca. 33 mg/Amin
Exposition time for 1µm at 1 A/dm ²		ca. 3 min

Deposit characteristics	
Appearance	silver grey
Palladium content	approx. 80%
Nickel content	approx. 20%

Products available

3469510.....	Pallega® blend Ni Make up 7:10
3469530.....	Pallega® blend Ni Replenisher 1
3469540.....	Pallega® blend Ni Replenisher 2
3469550.....	Pallega® blend Ni Wetting agent
3469560.....	Pallega® blend Ni Density correcting salt
3474000.....	Pallega® Palladium solution 100

FOR ANY FURTHER INFORMATION WE WILL BE PLEASED TO BE AT YOUR DISPOSAL PERSONALLY UNDER +43 (0)2287 71073 OR OFFICE@IWGPLATING.COM

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