

### AURICOR 535

GOLD PLATING SOLUTION FOR THICKNESS (Au/Fe) ( NICKEL FREE )

Colour : **Yellow**

Use : **Bath**

Colour coordinates : **L:82.5**

**a:7.0**

**b:28.5**

#### Product description

AURICOR 535 is an acid gold plating solution totally nickel free , suitable to deposit a layer of yellow gold .

#### Operating conditions

Parameter	Average suggested value
Deposition time	300 seconds
Temperature	30 °C
Voltage	3.0 V
Current density	0.8 A/dm <sup>2</sup>
Cathodic efficiency	20 mg/Amin
Deposition speed	0.13 u/min
Anodes	Ti/Pt
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:

- **AURICOR 535RFE ( 1ml = 20 mg of iron )**,add 5 ml every 100 Amin.
- **AURICOR 500RGL ( 1ml = 100 mg of gold )**,add 20 ml every 100 Amin.
- **AURICOR 535SA**,add after analysis.
- **AURICOR 535SB**,add after analysis.
- **AURICOR 535SC**,add after analysis.
- **AURICOR 535RA**,add 2 ml every 100 Amin.
- **AURICOR 535RB**, 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
OR015401	AURICOR 535BS Make up solution	Yellow	1 - 25 L
OR016401	AURICOR 535 Gold plating solution ready to use	Yellow	4 g/L
OR015501	AURICOR 535RFE Iron replenisher		20 g/l
OR015601	AURICOR 535RA brightener additive		1 L
OR015701	AURICOR 535RB Stabilizing additive "B"		1 L
OR015801	AURICOR 535SA Conducting salts "part A"		1 Kg
OR015901	AURICOR 535SB Conducting salts "part B"		1 Kg
OR016001	AURICOR 535SC Stabilizing salts		1 Kg
OR014401	AURICOR 500RGL Gold replenisher		100g/l