

RODINOR 220

RHODIUM FOR PLATING BATH

Colour : **Black**

Use : **Bath**

Colour coordinates : **L:65.0**

a:0.5

b:0.9

Product description

RODINOR 220 is a black rhodium plating concentrate bath with incomparable technical and qualitative characteristics. The properties of the deposit make this plating bath a point of reference for all goldsmiths looking for of unparalleled finishing for their jewelry items.

Operating conditions

Parameter	Average suggested value
Deposition time	120 seconds
Temperature	60 °C
Voltage	4.0 V
Current density	3.0 A/dm ²
Cathodic efficiency	3 mg/Amin
Deposition speed	0.08 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:

- **RODINOR 250R**,add 6 ml every 100 Amin.
- **RODINOR 200RA**,add after analysis.
- **RODINOR 2030RA**,add after analysis.
- **RODINOR 204RA**,add after analysis.

Safety Information

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

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Preparation of the galvanic bath

In order to prepare 1 L of ready to use solution is necessary following the right steps :

1. Arrange the working tank switching on the ventilation and all the safety devices.
2. Add 1 bottle of RODINOR 220 containing 2g/200ml
3. Add 800 ml of demineralised water and mix
4. Set the right working temperature

Wait till the working temperature and start with plating operation

Related products

Cod.Articles	Description	Colour	Packaging
RH010101	RODINOR 220 concentrated rhodium for bath	Black	2 g/200ml
RH020501	RODINOR 250R replenisher 5 g/100ml		100 ml
RH020301	RODINOR 200RA deep blackening agent		1 L
RH020401	RODINOR 203RA gun metal blackening agent		1 L
RH020701	RODINOR 204RA medium blackening agent		1 L