

### RODINOR 152

RHODIUM FOR PLATING BATH

Colour : **White**

Use : **Bath**

Colour coordinates : **L:91.2**

**a:1.0**

**b:1.5**

#### Product description

RODINOR 152 is a white rhodium plating bath with incomparable technical and qualitative characteristics. RODINOR 152 is characterised by a wide range of working conditions and high strength against pollution. Suitable for any use with white and shiny characteristics in line with the best rhodium plating on the market RODINOR 152 is the ideal choice for quality rhodium plating without compromise. Excellent brightness and superior white color , long lasting performance till to 0.6 g/l. Easy to use for even skilled customers, wide range for working temperature from 20°C to 70 °C.

#### Operating conditions

| Parameter           | Average suggested value |
|---------------------|-------------------------|
| Deposition time     | 40 seconds              |
| Temperature         | 40 °C                   |
| Voltage             | 4.0 V                   |
| Current density     | 4.0 A/dm <sup>2</sup>   |
| Cathodic efficiency | 4 mg/Amin               |
| Deposition speed    | 0.2 µm/min              |
| Anodes              | Ti/Pt net               |
| Agitation           | Moderate                |

#### 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 155R**, add 8 ml every 100 Amin.

#### Safety Information

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

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The plating solution can be supplied concentrated at 2g/100ml. In order to prepare 1 liter 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 152RA containing 2g/100ml
3. Add 800 ml of demineralised water and mix
4. Add 1 bottle of RODINOR 152RB and mix
5. Set the right working temperature
6. Wait till the working temperature and start with plating operation

**Products related**

| <b>Cod.Articles</b> | <b>Description</b>                         | <b>Colour</b> | <b>Packaging</b> |
|---------------------|--|---------------|------------------|
| RH012501            | RODINOR 152 concentrated rhodium for bath  | White         | 2 g/100ml        |
| RH012801            | RODINOR 155R Rhodium replenisher 5 g/100ml |               | 100 ml           |