

WHITENOR 102

PLATINUM-RUTENIUM PLATING SOLUTION READY TO USE Pt 2 g/L

Colour : **White**

Use : **Bath**

Colour coordinates : **L*:88.00**

a*:0.55

b*:2.80

Product description

WHITENOR is the surprising Berkem's process for platinum-ruthenium based decorative and thickness galvanic bath that guarantees extremely white and shiny deposits perfect alternative to rhodium, pure platinum and palladium solutions .

Operating conditions

| Parameter | Average suggested value |
|---------------------|-------------------------|
| Deposition time | 90 seconds |
| Temperature | 55 °C |
| Voltage | 4.0 V |
| Current density | 2 A/dm ² |
| Cathodic efficiency | 5 mg/Amin |
| Deposition speed | 0.05 u/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:

- **WHITENOR 100RPT**: add 18 ml of **WHITENOR 100RPT** every 100 Amin.
- **WHITENOR 100RRU**: add 2.5 ml of **WHITENOR 100RRU** every 100 Amin.

Safety Information

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

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Notes

Instructions indicated in Our Process technical data sheets are the result of attentive checks and have been written as a guideline. They represent the best of our knowledge and refer to a normal use of our products. Such products are guaranteed in their quality up to the delivery: we cannot guarantee for the correct use of them, as this action is not under our direct control (addition or correction to plating baths are made by customer's personnel). As a consequence, process instructions have not to be intended as a guarantee of the final result in the use of our products.

Products related

| Cod.Articles | Description | Colour | Packaging |
|--------------|--|--------|-----------|
| PT011601 | WHITENOR 102 platinum ruthenium plating ready to use solution Pt 2 g/L | White | 1 L |
| PT011701 | WHITENOR 100RRU ruthenium replenisher 6 g/100 mL | | 100 mL |
| PT011801 | WHITENOR 100RPT platinum replenisher 20 g/L | | 1 L |