

# PT25R

REPLENISHER FOR PLATINUM PLATING SOLUTIONS 25G PT/L

## DESCRIPTION

This electrolyte deposits a bright grey layer which is 99.97% pure platinum. The chemistry of this bath is extremely flexible, allowing for a wide range of platinum metal concentrations to be used ranging from 2 to 20 grams per liter. The higher the metal concentration used, the higher is the obtainable thickness until reaching a maximum deposit of 20 micron. These features make this platinum electrolyte ideal for technical electroplating applications.

- Platinum plating solution
- Flexible metal concentration
- Achievable thickness of 0.2-20.0 micron
- Also designed for technical plating operations

## PRODUCT FORM

Metal concentration	25 g Pt/l
Product pH	Acidic
Format	Concentrated liquid
Color of the product	Green - pale yellow
CAS number	14286-02-3
Storage time	6 months
Volume	1 L

## USER GUIDE

### SAFETY INFORMATION

AVOID ANY DRAG IN OF CYANIDES IN PLATINUM DIAMINODINITRITE SOLUTION TO AVOID THE DEVELOPMENT OF HIGHLY TOXIC FUMES! Being an acidic solution, the electrolyte is corrosive therefore is an irritant to the skin, eyes and mucous membranes. Caution should be exercised when using the product, avoiding contact with the eyes and skin. Use gloves and safety goggles. Keep away from cyanide-based chemicals. For further information please refer to the relative MSDS.

### PRODUCT USAGE

As PT25R is a concentrated solution containing 25 g of fine Platinum per 1 liter of solution, dose it by keeping in mind that 1 g of fine Pt is contained in 40 ml of product. Moreover, the solution suffers rapid degradation of the Pt complex dissolved. Use it within 6 months since production date and keep far from direct light exposure, heat source and humidity when stored and not used.

### WATER PURITY

If the platinum diaminedinitrite solution must be diluted directly into water: to prevent contamination during preparation, use demineralized water with a conductivity of less than 3  $\mu$ S/cm (containing no traces of organic compounds, Chlorine, Silicon, or Boron).

## DISCLAIMER

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