



THE ESSENTIAL PART OF YOUR SOLUTION

WILAPLAT Silver Baths

Bright Silver Bath

Article No. 3090300202

Description

The Wilaplat Bright Silver Bath forms ductile, very bright, stress and crack-free silver coatings with a purity of at least 99.8%. Due to the extraordinary dispersion depth of the electrolyte, polishing or buffing can be eliminated for deeper layer thicknesses.

Application

WILAPLAT Bright Silver Bath can be used in a conventional electroplating unit such WILAPLAT-System. Before as the the electroplating procedure, coated the surfaces to be must be cleaned and degreased. To avoid non-electric silver plating with resultant non-adhesion layer, the rectifier must be already switched on when the work pieces are being immersed in the bath.

Operating Data

Silver Content 30.0 g/l **Cyanide Content** 120.0 g/l ℃ Temperature 20-30°C **Exposure Time** 5-50 minutes Voltage 0.5-1.2 volts 1.0-1.5A/dm² **Current Density Deposition Rate** 66.7 mg/Amin Movement Required Anodes Fine silver

Tank Material Glass, alkali-resistant plastic (PP, PVC etc.)

Deposition Data

Density 10.3 g/cm g/cm³ Approx. 110 HV

Regeneration

After analysis for silver and cyanide content, add silver salt and potassium cyanide as required.

Supply Forms

Up to 20 I ready for use, then as make-up salt containing 55 ml AB brightening agent per litre.

General

For prolonged standing times, it may be necessary to rehomogenize the bath.

Warning!

Chemicals and materials used in electro-plating techniques can be corrosive or poisonous. During use, storage, transportation and disposal the relevant guidelines must be observed.

For further information see The EEC Safety Data Sheets