WIELAND

THE ESSENTIAL PART OF YOUR SOLUTION

WILAPLAT Platinum Metals Group Baths

Anthrapal Bright Palladium Bath

Article No. 3110200502 ready to use, containing 5g Pd/l
Article No. 3110200501 make up concentrate, 100 ml cont. 2g Pd for 1 l of ready to use bath

Description

With the Anthrapal Bright Palladium Bath one obtains ductile deposits with a white sheen. Special features of this bath are the good throwing power and gloss preservation.

Application

Anthrapal Bright Palladium Bath is for use in a conventional electro-plating unit such as the WILAPLAT System. An optimal adhesive basis can be obtained by pre gold plating in the AC 3 SSF Adhesive Layer Gold Bath (Article No. 3070100102). The surfaces to be treated must be cleaned and degreased before the treatment.

Operating Data

Palladium Content	5,0 g/l Art. No. 3110200502 2,0 g/l Art. No. 3110200501
Temperature	30-50°C
Exposure Time	2-15 minutes
Voltage	1.8-2.0 volts
Current Density	0.2-0.5 A/dm^2
Deposition Rate	28 mg/Amin
pH Value	7-9; *adjust with ammonia as required*
Agitation	Electrolytes or work pieces
Anodes	Platinized titanium
Tank Material	Glass, acid-resistant plastic (PP, PVC etc.)

Deposition Data

Density	10.8 g/cm^2
Hardness	approx. 350 HV
Layer Thickness	max 2.0 µm

Supply Form

Ready for use and concentrate

Regeneration

Regeneration can be undertaken based on the results of a bath analysis to determine palladium content. The ph-value should be checked occasionally and if necessary be adjusted.

Warning!

Chemicals and materials used in electroplating techniques can be corrosive or poisonous. During use, storage, transportation and disposal the appropriate regulations must be observed.

For further information see the ECC Safety Data Sheets

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