

Bright Nickel Bath JE300

Description

The Bright Nickel Bath JE300 meets all requirements for a modern high-performance electrolyte. Highly glossy, bright glossy nickel coatings, excellent gloss depth distribution, excellent leveling even at low nickel deposits, high ductility, good chromium ability as well as easy and problem-free bath guidance are features of the process.

Operating conditions

Voltage	2-4 Volt
Bath temperature	60°C
Anodes	nickel anode
Anode-/	
Cathode surface	approx. 1:1
Current density	1 – 6 A/dm ²
Exposure time/1µm	approx. 1 min. with 5A/dm ²

Pretreatment

Bonded and spotless surfaces are only achieved on appropriately pretreated surfaces. We would be pleased to make specific suggestions for the pretreatment of the parts to be nickel-plated on request.

Form of delivery

- Ready to use liquid

Bath control/regeneration

Constant maintenance of the pH-value, the density and the brightening additive.

Regeneration of the bath is possible without problems. However, this is only profitable from 20 liters onwards. We recommend to exchanging the bath with smaller bath volume. If you work continuously with the bath, the pH-value will increase. The pH-value is adjusted by careful addition of 10% chemical pure sulphuric acid. The pH-value is controlled with indicator-paper. Our technical laboratory is always at your disposal to solve any problem that might arise.

The density can be regulated with an aero meter. As soon as the brightening effect diminishes, we recommend to add per liter of the bath approx. 5-10ml brightening additive. If required we carry out a bath control in our technical laboratory.

Storage/Warehousing

Store closed and separated from food products and storage in convenient and special marked boxes. Do not bring in contact with cyanides or cyanide solutions, because the solutions contain acid sulfur.

Risks/Disposal

Before drain off the hydrous solutions in the canalization a liquid waste treatment should take place. The specifications of the local responsible water authority are to be regarded.

**Please note our
Safety Data Sheets!**