

# Copper bath cyanidic JE550

## Description

The cyanidic copper bath JE550 is a universally applicable electroplating electrolyte. Suitable for frame and barrel plating. The layers are often used as under coat before further electroplating processes. The copper layers are fine-grained and slightly bright and create a very good adhesion between base material and electroplated layers.

## Operating data

Copper	35 g/l Cu
Potassium cyanide	25-35 g/l KCN
pH-Value	11 - 12

## Operating conditions

Voltage	0,5 - 3 Volt
Bath temperature	50 - 60°C
Exposure time	2 - 15 min
Anodes	Copper anodes
Anode/Cathode surface	1 : 1
Agitation	Advantageous
Current density	1 - 3 A/dm <sup>2</sup>
Bath filtration	From 10 litres

## Form of delivery

- Ready for use

## Bath control/regeneration

Even by bigger baths control of copper and cyanide content should take place in regular intervals. If required we accomplish a bath analysis for you.

## Storage

Store closed and separated from food products and forage in convenient and special marked boxes. Do not bring in contact with acids or acidic solutions, because the solutions contain cyanide.

## 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 regard our safety data sheet!