



TECHNICAL DATA SHEET

Cupromix 6000 *Cyanide Copper Salt*

Contents

Process Information	2
Working parameters	2
Health and Safety	3



Process Information

The Cyanidric bath of alcalin coppering “Cupromix 6000” is suited for Electroplating of bright copper on pieces of Iron,, Steel and Zinc die-cast.

Working Parameters

Bath composition

Sodium baths

Cupromix 6000 250 g/l
Cuprostar 6100 brightener 1ml/l
Cuprostar 6110 carrier 5ml/l
Temp. = 50-60°C
12-15 Bé
Voltage = 2-3 Volt
Current Density =,5-1 A/dm²
Anodic current density = 0,8-1,2 A/dm²

Potassium Baths:

Cupromix 6000 K 250 g/l
Cuprostar 6100 brightener 1ml/l
Cuprostar 6110 carrier 5ml/l
Temp = 50-60 °C
Density = 12-15 Bé
Voltage = 2-3 volt
Current Density= 08-1,2 A/dm²
Anodic current density = 08,1,2 A/dm²

Cathodic Handling

Baths check

Material	Standart Values	Min .	Max.
Cyanide Copper	60-80 g/l	50	90
Free Cyanide	16-23 g/l	13	25

Consumtion of Brightener for 10.000 Ah.

Brightner “Cuprostar 6100” 1 - 2 liters.
Carrier “Cuprostar 6110” 0,5-0,8 liters.
Brightener and Carrier must be added by very little quantities
And how ever, they have not to be higher than values aboves mentionned.

Wasted waters

The electrolyte contains Cyanide.
The washing waters must be treated by special way before immersion into piping for alkaline waters.

Note

Those instructions are written for general condition of work. If despite the correct observance of those you find anomalies in the working cycle, we invite you to call our technical service.

Health and Safety

Material Safety Data Sheets are available for all GALVANO MONDO products, they are normally issued with relevant quotations and Technical Data Sheets. They explain hazards associated with the product following classification by European Statutory Requirements. Normally more than one product will be used in a process. Risk evaluation of the process is the users responsibility because the user controls men, materials, methods and machines. The user must consider all of the substances present in the solution, whether they present a risk to people and the environment, whether abatement measures are needed.