



## TECHNICAL DATASHEET

# NICHEM 7300 EN

## ELECTROLESS NICKEL PLATING ON PLASTICS

NICHEM 7300 EN is specially developed for electroless plating on pre treated non conductive pieces. Stable Electroless nickel process with perfect coverage and long service life. Gives fast deposition with homogenous nickel layers. An alkaline electroless nickel process.

### Application data for 100 liter tank:

NICHEM 7300 EN	3-4 kg
NICHEM 7310 RD	1 liter
Water	to 100 liters
Temperature	40 -70°C
Tank	pp, acid resistant plastic
Application time	5- 10 minutes

### Process Sequence For Abs Electroplating:

- 1- Chromic acid – Sulfuric acid etching.  
Chromic acid 400 gr/l  
Sulfuric acid 400 gr/l  
**Catawet 7200** wetting agent for abs 0.3 gr/l
- 2- Chromium reduction with **MONDO RD 7005**
- 3- Activating with **ACTIVA 7000 PD**
- 4- Accelerating the piece with **ACTIVA 7100 AC** accelerator
- 5- Electroless nickel plating with **NICHEM 7300 EN**
- 6- Acid copper plating with **RAMAC 6200** acid copper process
- 7- Nickel electroplating with **Nilux** process
- 8- Chromium electroplating with  
If chromium is needed trivalent **ECOLOCHROME TRI 4300** process  
If chromium is needed hexavalent **CATACHROME 4000** process

**Attention: there must be at least three rinses between the steps**

### **Effluent treatment:**

All concentrates and rinsing waters have to be treated according to local regulations.

## 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.