Electroless Nickel
SLOTONIP 90

Electroless Nickel SLOTONIP 90 is a chemical process for the deposition of nickel-phosphorus coatings onto metals and non-conductive material.

The nickel-phosphorus layers deposited from Electroless Nickel SLOTONIP 90 are free from lead and cadmium and meet the requirements of the RoHS (Restriction of (*the use of certain*) Hazardous Substances). The resulting deposits are light, semi-bright to bright with a phosphorus content of 10 - 12 %.

Electroless Nickel SLOTONIP 90 is especially used if high demands on corrosion resistance are required.

A trouble-free and easy electrolyte operation in conjunction with a high stability is the feature of this electrolyte. The pH value is adjusted with ammonia. The deposition rate is approx. 10 - 13 µm/h.

The electrolyte is made-up and replenished with combined additives, which eases handling during electrolyte operation. Single additives will also be available for individual adjustment of the electrolyte.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:
Please read this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).
The current IMDS number of the layer deposited from the process is available on the internet at www.schloetter.com/downloads.
For the storage of chemical products the TRGS 510 must be followed.
If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.

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