

# Electroless Nickel

## SLOTONIP 30 3

Electroless Nickel SLOTONIP 30 3 is an electroless process for the deposition of nickel-phosphorus coatings onto metals and non-conductive material.

The layers deposited from Electroless Nickel SLOTONIP 30 3 are semi-bright to bright with a phosphorus content of 6 - 9 %.

Easy operation, high electrolyte stability and extremely long service life are the features of Electroless Nickel SLOTONIP 30 3. With continuous replenishment, a nickel metal throughput of up to 70 g/l is possible. The plating rate is 15 - 18 µm/h but will decrease to 10 - 12 µm/h only after a throughput of around 60 g/l nickel.

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](http://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.**

