# 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 layers deposited are light, semi-bright to bright and containing 10 - 12 % phosphorus.

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

The electrolyte is easy to operate and maintain and has notably by high stability. The pH 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.

Electroless Nickel SLOTONIP 90 is free of lead and cadmium and therefore the nickel-phosphor layers deposited from this electrolyte are in compliance with RoHS.

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 these instructions carefully and follow recommendations given. We reserve the right to make technical changes as necessary. In the interests of safety, please pay attention to the R- and S- phrases on the labels of the containers. The minimum shelf life of the additives is printed on the label of the container. The current IMDS number of the layer deposited from the process can be found on the internet at www.schloetter.com/downloads.
For the storage of chemical products only the TRGS 514 and TRGS 515 regulations must be followed. The Hazardous Goods Regulation (ADR/GGVS) are only valid **for transportation** and must not be applied to storage.



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