

Zinc-Nickel

SLOTOLLOY ZN 210

Zinc-Nickel SLOTOLLOY ZN 210 is an alkaline, single-stage process for the deposition of zinc-nickel alloy coatings containing 12 - 15 % by weight nickel. It is used for barrel plating. The difference to the two-stage barrel process introduced since a long time, SLOTOLLOY ZN 60, is a new additive system, which allows steel types with a difficult starting behaviour a deposition on single-stage basis at barrel plating. Zinc-Nickel SLOTOLLOY ZN 210 deposits semi-bright to bright alloy coatings with an excellent metal- and alloy distribution and shows a very good throwing power.

Transparent and black conversion layers with a high corrosion protection can be generated by appropriate passivations of our SLOTOPAS series. For a subsequent sealing there are the products of our SLOTOFIN series available.

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.

