Zinc-Iron
SLOTOLOY ZE 1190

Zinc-Iron SLOTOLOY ZE 1190 is for the deposition of zinc-iron coatings with 0.1 - 0.3 % iron in the alloy.

A more even appearance will be achieved by the co-deposition of iron. For the deposition of zinc-iron alloy layers with a higher iron content (0.3 - 0.9 %) we recommend the Zinc-Iron SLOTOLOY ZE 100.

Zinc-Iron SLOTOLOY ZE 1190 is an alkaline process containing complexing agents providing excellent metal distribution and coverage. It is suitable for both rack and barrel applications.
Please note that parts should not be left in the solution without current. After the alloy deposition, **immediate** and **thorough** rinsing and further processing is required.

For subsequent post-treatment Schlötter offers a wide range of chromatings or chromium(III) based passivation processes, as well as suitable sealants (topcoats). Information about the current program are provided by our service department, field service and on the Schlötter homepage.

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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