Matt Tin
SAT 30 1

Matt Tin SAT 30 1 is a sulphuric acid based electrolyte giving fine crystalline deposits. An for matt tin electrolytes extraordinary good covering power and an excellent solderability are the features of Matt Tin SAT 30 1. The field of application for this process is the plating of electronic and electrotechnical parts.

In the PCB industry, Matt Tin SAT 30 1 is used for the deposition of metal resist layers.

The Tin Additive SAT 31 1 is used in barrel and rack application as well. Without limitations, the deposits give excellent solderability even after heat ageing at 155 °C / 16 hours.

The formation of tetravalent tin compounds inhibited which results in reduction of cloudiness in the electrolyte.

Matt Tin SAT 30 1 is easy to operate and to maintain. Only the Sn(II) and sulphuric acid concentrations must be monitored and replenishment of additives mostly caused by drag-out losses must be performed occasionally.

The electrolyte can be operated with methanol-free additives if Tin Additive SAT 26 is used.

The additives required for electrolyte make-up and operation do not contain any alkylphenol ethoxylates (nonylphenol ethoxylates).

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 instructions 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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Company according to
DIN EN ISO 9001: 2015
DIN EN ISO 14001: 2015
DIN EN ISO 50001: 2018