Semi Bright Tin GF 50

Semi Bright Tin GF 50 is an organic acid-based fluoride- and formaldehyde-free process for the deposition of semi bright tin coatings. Solderability of the tin coatings is excellent, even after accelerated heat ageing at e.g. 155 °C/16 hours; they're insensitive towards fingerprints.

Semi Bright Tin GF 50 can be used for tin plating of bulk articles in barrel plants in the field of electronic- and electro technical components.

A make-up of Semi Bright Tin GF 50 with a special developed tin additive, avoids as far as possible sticking together of small electronic components (ceramic chips).

Glass, ceramic or titanium aren't being attacked since the electrolyte doesn't contain any fluoride. The use of titanium hooks for contacting of the anodes is possible if drag-in of fluoride ions or complex fluoride ions can be excluded.

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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