

Tin-Lead

SLOTOLET G 50-1

IMDS ID No.: depending on alloy composition

The Tin-Lead SLOTOLET G 50-1 is a strong acidic, fluoride-free electrolyte based on alkyl sulphonic acids and is intended for the deposition of bright tin-lead coatings. The alloy composition can be varied over a broad range. Haze-free bright coatings are easily achieved with a lead content of 5 - 35% in the alloy.

An alloy of 3 - 5% lead is sufficient to prevent whisker formation. Tin-Lead SLOTOLET G 50-1 coatings give good solderability after standard ageing tests, eg dry ageing, 16 hours at 155°C.

The electrolyte is fluoride-free. It is possible to use titanium hooks or anode baskets as long as carry-over of fluoride ions or complex fluoride ions can be totally excluded.

A newly made up electrolyte contains approximately 30 mg/l AOX. This minor AOX concentration will not increase the AOX content in the general effluent.

The additives required for bath 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 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 drum label.

The shelf life of the additives is generally 18 months.

The date of production is taken from the first 3 figures of the batch number.

Figure 1 = year; figures 2-3 = month; figures 4-7 = batch number; (UK labels use a 4 digit year code).

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.

