Tin-Lead
SLOTOLET KB 30

IMDS ID No.: depending on alloy composition

The Tin-Lead SLOTOLET KB 30 is an acidic fluoride-free electrolyte which produces matt fine grained tin-lead deposits. This electrolyte has been formulated specifically for high speed tin-lead applications (such as reel to reel plating of connector pins, IC lead frames or wire plating).

The current density that can be achieved is dependant on the metal concentration, the temperature of the electrolyte and the agitation. The anodes dissolve at a constant rate even at high current densities so there is no danger of anode passivation under normal operating conditions.

The Tin-Lead SLOTOLET KB 30 deposits display excellent solderability even after ageing tests.

There is very little organic inclusion in the deposit. Typically the carbon content would be 0.005%.

It is suitable for the plating of IC packages (trim and form processes).

The Tin-Lead SLOTOLET KB 30 contains only low foaming additives so even with strong agitation there is no danger of excessive foaming.

The electrolyte does not contain fluoride. Titanium anode baskets or hooks are therefore suitable. In such cases the drag in of fluorides or complexed fluorides must be avoided.
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.

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