

Bright Zinc SLOTANIT OT-1

Bright Zinc SLOTANIT OT-1 is a weak acidic bright zinc bath for rack and barrel plating. The deposits produced are very bright, ductile and give excellent adhesion of chromated or passivated layers.

Depending on metal concentration, bath temperature and chloride concentration SLOTANIT OT-1 may be operated in high current density range. It does not have a "cloud point". SLOTANIT OT-1 may be operated between room temperature and approximately 50°C. At temperatures above 35°C there could be a small reduction in brightness but this does not significantly affect the throwing power of the bath.

The electrolyte is normally operated without ammonia, which makes effluent treatment easier. Ammonium salts may be used in the bath but the ductility of the zinc deposit decreases as the concentration of ammonia increases, so concentrations of more than 10 g/litre of ammonia should 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 Hazardous Substances Regulation must be followed.

The Hazardous Goods Regulation (ADR/GGVS) are only valid for transportation and must not be applied to storage.

