

# Bismuth

## SLOTOSON MB 1880

Bismuth SLOTOSON MB 1880 is an acidic electrolyte for the deposition of light grey, matt bismuth layers with a good solderability. The melting point of pure bismuth is 271 °C and allows higher solder temperatures than tin.

The electrolyte operation of Bismuth SLOTOSON MB 1880 is very simple since primarily the metal content and the pH value must be checked only.

The additives required for electrolyte make-up and operation meet the requirements of the RoHS (Restriction of *(the use of certain)* Hazardous Substances) EU Directive 2011/65/EU relating to the limit of lead, mercury, cadmium, Cr(VI), polybrominated Biphenyls and polybrominated Diphenyl Ethers.

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](http://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.**

