

# Silver

## SLOTOSIL BS 1590

Silver electrolyte, cyanide containing alkaline solution, for the deposition of high bright layers silver layers on polished surfaces. The specific electrical resistance is  $1.88 \mu\Omega \cdot \text{cm}$ , the hardness at  $120 \text{ HV}_{0.05}$ .

### APPLICATION

- Decorative (e.g. silver plated cutlery)
- Electronics (e.g. connectors)

### PROCESS

- Rack- and barrel plating lines
- Suitable antitarnish process available for this application

### BENEFITS

- Low sulphur content in the silver layers
- Simple and robust electrolyte operation
- Suitable Schlötter antitarnish protection processes, Antitarnish AG 110 and AG 110 S are available

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](http://www.schloetter.com/downloads).

For the storage of chemical products the TRGS 510 must be followed.  
not be applied to storage.

**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.**

