

Bright Silver ELFIT 73

Bright Silver ELFIT 73 produces bright de luxe, haze-free deposits on polished surfaces. The silver deposited has a pleasant, light silver colour. Full brightness is already reached with very thin deposits. The electrolyte has an unusually high bright throwing power.

Bright Silver ELFIT 73 can be used for deposition of bright de luxe, haze-free silver coatings on copper, brass, German silver as well as on intermediate layers from bright nickel electrolytes.

Bright Silver ELFIT 73 is mainly applied in the electro- and electronic industry. The process is ideally suited for applications in both rack and barrel systems.

The electric resistance of newly deposited silver from the Bright Silver ELFIT 73 process is initially at $1.88 \mu\Omega \times \text{cm}$ and increases when stored almost up to the value of silver processed from melt flow.

Deposits obtained from Bright Silver ELFIT 73 have a conductivity equal to pure silver. The hardness of new deposit layers is approx. $120 \text{ HV}_{0.05}$ and after storage normally $80 \text{ HV}_{0.05}$. If older electrolytes are used for plating, the layer hardness may decrease after storage or tempering to approx. $100 \text{ HV}_{0.05}$.

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 labels of the containers. The minimum shelf life of the additives is printed on the label of the container. The current IMDS number of the layer deposited from the process can be found on the internet at www.schloetter.com/downloads.

For the storage of chemical products only the TRGS 514 and TRGS 515 regulations must be followed. The Hazardous Goods Regulation (ADR/GGVS) is only valid **for transportation** and must not be applied to storage.

