Silver
SLOTOSIL SG 1910

Silver graphite electrolyte, cyanide containing alkaline solution, graphite content of 1.0 - 2.0 % by weight*. Compared to pure silver coatings, an up to 60 % lower friction coefficient at a higher wear resistance at a high number of mating cycles and erosion resistance.

APPLICATION
- Electronics (connectors, especially moveable contacts in the medium voltage range, etc.)

PROCESS
- Rack- and barrel plating lines
- Suspension of graphite must be guaranteed by the plant technology

BENEFITS
- Low transition resistance resistance
- Very high electrical conductivity
- No tendency for cold welding

*) Combustion method according to DIN EN 15936

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 only. 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.
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.

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