

Silver

SLOTOSIL SG 1910

Silver SLOTOSIL SG 1910 is an alkaline cyanidic process for the deposition of silver-graphite layers. Silver SLOTOSIL SG 1910 can be applied for the deposition on copper, brass, German silver and on intermediate layers of nickel and produces even, light grey silver-graphite layers.

Silver SLOTOSIL SG 1910 is especially applied in the electric- and electronic industry (e.g. e-mobility, microelectronics, connectors). The wear resistance is raised by the co-deposition of graphite and results in a higher number of mating cycles compared to pure silver layers. This characteristic is advantageous especially with moving electrical contacts. Furthermore, the silver-graphite layers are characterized by a higher arc erosion resistance, a low transition resistance and a high electrical conductivity.

Silver SLOTOSIL SG 1910 is suitable for both rack- and barrel application.

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.

