Black Chrome
SLOTOCHROM 70

Black Chrome SLOTOCHROM 70 deposits uniform and decorative black chrome coatings for technical applications, e.g. solar technology and optical industry.

A good throwing power, minimal formation of soot, easy operation, high electrolyte stability and a short plating time are the features of Black Chrome SLOTOCHROM 70.

The black chrome layers are uniform black in appearance, light-insensitive and can also be used at higher temperatures because of the good thermal stability. Due to the micro-porosity, the black chrome layers show in addition to an excellent abrasion resistance a good corrosion resistance. The reflexion of the black chrome coatings is approx. 94 % less than normal chrome layers.

Post-treatment of the black chrome layers with wax, oil or clear lacquer improves the reflectivity as well as the degree of blackness.

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.
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.

Dr.-Ing. Max Schlötter
GmbH & Co. KG
Talgraben 30
73312 Geislingen/Steige
Germany

Tel +49 7331 205-0

info@schloetter.com
www.schloetter.com

All certificates can be downloaded from our homepage