

SLOTOCHROM BC 4130

Main advantages

SLOTOCHROM BC 4130 is a trivalent decorative chrome process for bright chrome coatings.

Excellent throwing power

Excellent colour, comparable to hexavalent chrome plate

Improvement in environmental protection and occupational safety

No fluorinated compounds (e.g. PFOS/PFAS)



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SLOTOCHROM HC 4000

Main advantages

SLOTOCHROM HC 4000 is a trivalent hard chrome process for functional chrome coatings.

Hardness 750-1000 HV

Fast plating (up to 1 µm/min)

Improvement in environmental protection and occupational safety

No fluorinated compounds (e.g. PFOS/PFAS)

Without boric acid



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APEXCHROME™

Main advantages

A robust hard chromium plating process by which uniform and almost crack free deposited chromium layer can be achieved.

- Exceptional throwing power, up to 8,2 cm in Hull cell test
- Very good metall distribution
- Can also be operated at significantly lower current densities (down to 10 A/dm²) compared to standard hardchrome
- Improved corrosion resistivity comparable to hexavalent systems, further improvement if an additional post treatment (e.g. SLOTOCHROM DR 4170) is applied
- Less sensibility to metallic contamination and substrate
- High wear resistivity by reduced friction coefficient
- Hardness 750-850 HV, can be increased up to 1000 HV by heat treatment (200 – 400°C)



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