
**Metallic and other inorganic
coatings — Electrodeposited coatings
of chromium for engineering purposes**

*Revêtements métalliques et autres revêtements inorganiques —
Dépôts électrolytiques de chrome pour usages industriels*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*, Subcommittee SC 3, *Electrodeposited coatings and related finishes*.

This fourth edition cancels and replaces the third edition (ISO 6158:2011), which has been technically revised. The main changes compared with the previous edition are as follows:

- the Scope has been corrected;
- in [Clause 4](#), additional required information on special technical and engineering (surface) purposes for the electrodeposited metallic chromium coating has been added;
- in [5.2](#), additional information on surface roughness grade/quality for designation has been added;
- in [5.2](#), additional information for the description of the necessary final surface roughness of the complete finished parts given by the purchaser has been added;
- in [5.6](#), object temperature during heat treatment has been added;
- in [5.6](#), an example of designation with additional information on the final surface roughness of the completed parts has been added;
- in [6.1](#), important information for receiving reliable test results has been added;
- in [6.11](#), important information for the pretreatment of chromium plating has been added;
- in [6.13](#), information for corrosion resistance has been added;
- in [6.14](#) and [Annex D](#), information on surface roughness and structure has been added.

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