



ISO 8079

**Aerospace process — Anodic
treatment of aluminium alloys —
Sulfuric acid process, dyed coating**

*Procédés de traitement dans l'industrie aérospatiale —
Traitement anodique des alliages d'aluminium — Traitement à
l'acide sulfurique pour revêtement coloré*

**Second edition
2025-05**



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This document was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 18, *Materials*.

This second edition cancels and replaces the first edition (ISO 8079:1984), which has been technically revised.

The main changes are as follows:

- updated the normative references in [Clause 2](#);
- changed water quality requirements, for example, the total dissolved solids has been changed from 12 mg/kg to 10 mg/kg (see [4.3.2](#));
- added a hexavalent chromium free sealing solution (see [4.3.8](#));
- added drying and rework (see [4.3.9](#) and [4.3.10](#));
- made the requirements of process control tests and process qualification tests clearer (see [5.3](#) and [5.4](#)).

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