
**Aerospace — Anodic treatment
of titanium and titanium alloys —
Sulfuric acid process**

*Aéronautique et espace — Traitement anodique du titane et de ses
alliages — Traitement à l'acide sulfurique*

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Foreword

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

This second edition cancels and replaces the first edition (ISO 8080:1985), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the solution temperature has been changed from $(21 \pm 2) ^\circ\text{C}$ to $(20 \pm 5) ^\circ\text{C}$ (see [4.1.3](#));
- the use of alternative chemical products for the pickling solution has been allowed (see [4.1.7](#));
- higher duration for etching has been allowed (see [4.2.5](#));
- an alternative mechanical activation has been allowed (see [4.2.6](#));
- voltage cycle has been provided only as a recommendation (see [4.3.1](#)).

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