



BSI Standards Publication

Implants for surgery — Ultra-high-molecular-weight polyethylene

Part 4: Oxidation index measurement method

National foreword

This British Standard is the UK implementation of [ISO 5834-4:2019](#). It supersedes [BS ISO 5834-4:2005](#), which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CH/150/1, Materials for surgical implants.

A list of organizations represented on this committee can be obtained on request to its secretary.

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Implants for surgery — Ultra-high-molecular-weight polyethylene — **Part 4:** **Oxidation index measurement method**

Implants chirurgicaux — Polyéthylène à très haute masse moléculaire —

Partie 4: Méthode de mesurage de l'indice d'oxydation



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Foreword

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This document was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 1, *Materials*.

This second edition cancels and replaces the first edition ([ISO 5834-4:2005](http://www.iso.org/iso/5834-4:2005)) which has been technically revised.

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

- test methods harmonized with respective ASTM standards;
- editorial updates in line with all other parts of the ISO 5834 series.

A list of all parts in the ISO 5834 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.