

Third edition  
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# Implants for surgery — Ultra-high-molecular-weight polyethylene —

## Part 1: Powder form

*Implants chirurgicaux — Polyéthylène à très haute masse moléculaire —*

*Partie 1: Produits sous forme de poudre*



Reference number  
ISO 5834-1:2005(E)

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## Foreword

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ISO 5834-1 was prepared by Technical Committee ISO/TC 150, *Implants for surgery*, Subcommittee SC 1, *Materials*.

This third edition cancels and replaces the second edition (ISO 5834-1:1998), which has been technically revised.

ISO 5834 consists of the following parts, under the general title *Implants for surgery — Ultra-high-molecular-weight polyethylene*:

- *Part 1: Powder form*
- *Part 2: Moulded forms*
- *Part 3: Accelerated ageing methods*
- *Part 4: Oxidation index measurement method*
- *Part 5: Morphology assessment method*