

# ISO 5834-1:2025-07 (E)

## Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 1: Powder form

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Classification, designation and coding .....	2
5	Manufacturing requirements .....	2
6	Flow properties .....	2
7	Limits of contamination .....	2
7.1	Ash and trace elements .....	2
7.2	Particulate matter .....	2
8	Test methods .....	3
8.1	Elongational stress .....	3
8.2	Viscosity number .....	3
8.3	Ash content .....	3
8.4	Trace elements .....	3
8.5	Particulate matter procedure .....	3
9	Test certificate .....	3
10	Labelling .....	3
Bibliography .....		5