

ISO 5834-1:2025-07 (E)

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

Contents		Page
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