

DIN EN ISO 21304-2:2021-04 (E)

Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties (ISO 21304-2:2021)

Contents

	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	7
4 Preparation of test specimens	7
4.1 Treatment of the material before moulding	7
4.2 Compression moulding	7
5 Conditioning of test specimens	8
6 Determination of properties	8
Annex A (normative) Method for determining the melt volume-flow rate of PE-UHMW materials	12
Annex B (normative) Method for determining the elongational stress of PE-UHMW moulding materials	15
Annex C (normative) Method for determining the Charpy double-notched impact strength of PE-UHMW moulding material	21
Bibliography	24