

ISO 180:2019-11 (E)

Plastics - Determination of Izod impact strength

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Principle	3
5	Apparatus	3
5.1	Test machine	3
5.2	Micrometers and gauges	3
6	Test specimens	3
6.1	Preparation	3
6.1.1	Moulding and extrusion compounds	3
6.1.2	Sheets	6
6.1.3	Long-fibre-reinforced materials	6
6.1.4	Checking	6
6.1.5	Notching	6
6.2	Anisotropy	6
6.3	Shape and dimensions	6
6.3.1	General	6
6.3.2	Moulding and extrusion compounds	7
6.3.3	Sheet materials, including long-fibre-reinforced materials	7
6.4	Number of test specimens	7
6.5	Conditioning	7
7	Procedure	7
8	Calculation and expression of results	8
8.1	Unnotched specimens	8
8.2	Notched specimens	9
8.3	Statistical parameters	9
8.4	Significant figures	9
9	Precision	9
10	Test report	9
Annex A (informative) Precision statement		11
Bibliography		13