ISO 179-2:2020-05 (E)

Plastics - Determination of Charpy impact properties - Part 2: Instrumented impact test

Contents

Page

Foreword ... **iv**

1 Scope ... **1**

2 Normative references ... **2**

3 Terms and definitions ... **2**

4 Principle ... **7**

5 Apparatus ... **7**

6 Test specimens ... **11**

7 Procedure ... **11**

8 Calculation and expression of results ... **12**
- 8.1 General ... 12
- 8.2 Calculation of deflection ... 12
- 8.3 Calculation of energy ... 13
- 8.4 Calculation of impact strength ... 14
  - 8.4.1 Unnotched test specimens ... 14
  - 8.4.2 Notched test specimens ... 14
- 8.5 Statistical parameters ... 15
- 8.6 Number of significant figures ... 15

9 Precision ... **15**

10 Test report ... **15**

Annex A (informative) **Inertial peak** ... **17**

Annex B (informative) **Mass of frame** ... **20**

Annex C (informative) **Precision data** ... **21**

Bibliography ... **23**