

DIN ISO 7765-2:2023-02 (E)

Plastics film and sheeting - Determination of impact resistance by the free-falling dart method - Part 2: Instrumented puncture test (ISO 7765-2:2022)

Contents	Page
National foreword.....	3
National Annex NA (informative) Bibliography	4
Foreword.....	5
Introduction.....	6
1 Scope	7
2 Normative references	7
3 Terms and definitions	7
4 Principle	10
5 Apparatus	11
5.1 General.....	11
5.2 Test device.....	11
5.2.1 General.....	11
5.2.2 Energy carrier.....	12
5.2.3 Striker.....	13
5.2.4 Clamping device.....	13
5.3 Instrument for measuring force and deflection.....	15
5.3.1 General.....	15
5.3.2 Force measurement sensor.....	15
5.3.3 Deflection measurement system.....	15
5.4 Thickness gauge.....	15
6 Test specimens	15
6.1 Sampling and preparation of test specimens.....	15
6.2 Number of test specimens.....	16
6.3 Conditioning of test specimens.....	16
7 Procedure	16
7.1 Test atmosphere.....	16
7.2 Measuring the thickness.....	16
7.3 Clamping the test specimen.....	16
7.4 Impact-penetration test.....	16
8 Calculation and expression of results	17
9 Precision	18
10 Test report	18
Annex A (informative) General remarks	20
Bibliography	21