

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

PLASTICS — METHODS OF TESTING
PART 3 PHYSICAL AND DIMENSIONAL PROPERTIES
SECTION XX DETERMINATION OF LINEAR DIMENSIONS OF TEST SPECIMENS

(ICS 83.080.01)

Methods of Sampling and Test for Plastics
Sectional Committee, PCD 27

Last date for receipt of comment is
20 May 2024

NATIONAL FOREWORD

(Formal clauses will be added later).

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standard for which Indian Standard also exist. The corresponding Indian Standard, which is to be substituted in their respective places, is listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 291, Plastics — Standard atmospheres for conditioning and testing	IS 196 : 1966 — Atmospheric conditions for testing (<i>revised</i>)	Not Equivalent
ISO 463, Geometrical Product Specifications (GPS) — Dimensional measuring equipment — Design and metrological characteristics of mechanical dial gauges	IS 2092 : 1983 Specification for plunger type dial gauges (<i>first revision</i>)	Not Equivalent
ISO 3611, Geometrical product specifications (GPS) — Dimensional measuring equipment: Micrometers	IS 2967 : 1983 Specification for external micrometer (<i>first revision</i>)	Not Equivalent

for external measurements — Design and metrological characteristics		
ISO 3650, Geometrical Product Specifications (GPS) — Length standards — Gauge blocks	IS 2984 : 2003 / ISO 3650 : 1998 Slip gauges — Specification [ISO title : geometrical product specifications (GPS) — length standards : gauge blocks] (<i>second revision</i>)	Identical
ISO 9493, Geometrical product specifications (GPS) — Dimensional measuring equipment: Dial test indicators (lever type) — Design and metrological characteristics	IS 11498 : 2023 Geometrical Product Specifications (GPS) — Dimensional Measuring Equipment — Dial Test Indicators (Lever Type) — Design and Metrological Characteristics (ISO 9493 : 2010, MOD) (<i>first revision</i>)	Not Equivalent
ISO 13102, Geometrical product specifications (GPS) — Dimensional measuring equipment: Electronic digital-indicator gauge — Design and metrological characteristics	IS 16748 : 2018 / ISO 13102 : 2012 — Geometrical Product Specifications (GPS) — Dimensional Measuring Equipment Electronic Digital-Indicator Gauge — Design and Metrological Characteristics	Identical
ISO 13385-1, Geometrical product specifications (GPS) — Dimensional measuring equipment — Part 1: Callipers; Design and metrological characteristics	IS 16491 (Part 1) : 2016 / ISO 13385-1 : 2011 — Geometrical Product Specifications (GPS) — Dimensional measuring equipment : Part 1 Calipers; design and metrological characteristics	Identical

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 20753	Plastics — Test specimens

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

Doc. : PCD 27 (25104) WC
IS 13360 (Part 3/Sec XX) : YYYY
ISO 16012:2015
March 2024

NOTE — The technical content of this document has not been enclosed as this is identical with the corresponding ISO Standard. For details, please refer to ISO 16012 : 2015 or kindly contact:

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