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Draft Indian Standard

**PLASTICS — METHODS OF TESTING
PART 5 MECHANICAL PROPERTIES
SEC XX DETERMINATION OF SCRATCH PROPERTIES**

(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 294-1, Plastics — Injection moulding of test specimens of thermoplastic materials — Part 1: General principles, and moulding of multipurpose and bar test specimens	IS 13360 (Part 2/Sec 3) : 2019 / ISO 294-1 : 2017 Plastics — Methods of testing : Part 2 Sampling and preparation of test specimens, Section 3 Injection moulding of test specimens of thermoplastic materials — General principles and moulding of multipurpose and bar test specimens (<i>first revision</i>)	Identical

ISO 3167 : 2002, Plastics — Multipurpose test specimens	IS 13360 (Part 2/Sec 5) : 2018 / ISO 3167 : 2014 Plastics — Methods of testing : Part 2 Sampling and preparation of test specimens, Section 5 Multipurpose test specimens (<i>second revision</i>)	Identical
ISO 10724-1:1998, Plastics — Injection moulding of test specimens of thermosetting powder moulding compounds (PMCs) — Part 1: General principles and moulding of multipurpose test specimens	IS 13360 (Part 2/Sec 10) : 2006 Plastics — Methods of testing: Part 2 Sampling and preparation of test specimens, Section 10 Injection moulding of test specimens of thermosetting powder moulding compounds (PMCS) — General principles and moulding of multipurpose test specimens	Identical

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*)’.

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 19252 : 2008 or kindly contact:

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