

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

प्लास्टिक — परीक्षण पद्धति

भाग 5 यांत्रिक गुणधर्म

अनुभाग XX गत्यात्मक यांत्रिक गुणधर्म का निर्धारण

उपभाग 10 समानांतर-प्लेट ऑसिलेटरी रियोमीटर का उपयोग करके जटिल कतरनी श्यानता

Draft Indian Standard

PLASTICS — METHODS OF TESTING

PART 5 MECHANICAL PROPERTIES

SEC XX DETERMINATION OF DYNAMIC MECHANICAL PROPERTIES

**SUBSEC 10 COMPLEX SHEAR VISCOSITY USING A PARALLEL-PLATE OSCILLATORY
RHEOMETER**

(ICS 83.080.01)

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

Last date for receipt of comment is
27 July 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:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- 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 472, Plastics — Vocabulary	IS 2828 : 2019 / ISO 472 : 2013 — Plastics — Vocabulary (<i>second revision</i>)	Identical
ISO 5725-1, Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions	IS 15393 (Part 1) : 2003 / ISO 5725-1:1994 Accuracy (Trueness And Precision) of measurement methods and results: Part 1 General principles and definitions	Identical
ISO 6721-1 Plastics — Determination of dynamic mechanical properties — Part 2: General principles	PCD/27/25745 Plastics — Methods of testing : Part 5 Mechanical properties, Sec XX Determination of dynamic mechanical properties Subsec 1 General principles (<i>Under WC</i>) [IS 13360 (Part 5/Sec XX/Subsec 1)]	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 6721-10 : 2015 or kindly contact:

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