**Doc: PCD 27 (23126) F**

***भारतीय मानक***

***Indian Standard***

**IS 13360 (Part 8/Sec 6/**  **Subsec 1) : 2024**

**ISO 15105-1 : 2007**

***प्लास्टिक - परीक्षण की विधियाँ :***

***भाग 8 स्थायित्व/रासायनिक गुण,***

***अनुभाग 6 फिल्म और शीटिंग - गैस-संचरण दर का निर्धारण,***

***उपभाग 1 अंतर-दबाव विधियाँ***

***(*पहला पुनरीक्षण*)***

**PLASTICS — METHODS OF TESTING**

**PART 8 PERMANENCE/CHEMICAL PROPERTIES**

**SECTION 6 FILM AND SHEETING — DETERMINATION OF GAS-TRANSMISSION RATE**

**SUBSEC 1 DIFFERENTIAL-PRESSURE METHODS**

*(First Revision)*

ICS 83.080.01

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भारतीय मानक ब्यूरो

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मानक भवन, 9 बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110002

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**August 2024 Price Group X**

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

**NATIONAL FOREWARD**

This Indian Standard (Part 8/Sec 6/Subsec 1) (First Revision) which is identical with ISO 15105-1 : 2007 ‘Plastics — Film and sheeting — Determination of gas-transmission rate Part 1: Differential-pressure methods’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendations of the Methods of Sampling and Test for Plastics Sectional Committee and approval of the Petroleum, Coals and Related Products Division Council.

This Indian Standard was originally published in 1997. This revision has been undertaken to align the standard with the latest version of ISO 15105-1 : 2007 and ISO 15105-2 : 2003. As the ISO standard is available in two parts, the Committee decided to bifurcate the standards, as given below:

Subsec 1 Differential-pressure methods

Subsec 2 Equal-pressure method

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.

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:

|  |  |
| --- | --- |
| *International Standard* | *Title* |
| ISO 4593 | Plastics — Film and sheeting — Determination of thickness by mechanical scanning |

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*)’.