



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi-110002

Phones: 23230131 / 23233375 / 23239402

Website: www.bis.org.in, www.bis.gov.in

Review Document

Basic Details

1.	Sectional Committee No. & Title:	PCD 27 - Methods of Sampling and Test for Plastics
2.	IS No :	IS 13360 : Part 5 : Sec 2 : 2017
3.	Title :	Plastics - Methods of testing: Part 5 mechanical properties section 2 determination of tensile properties - Test conditions for moulding and extrusion plastics (First Revision)
4.	Date of Previous Review:	August, 2013

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

S.No.	Standard (No.)	Standard (Title)	Whether the standard has since been revised	Major changes	Action proposed
1	527-2 : 2012	Plastics अणु-अणु Determination of tensile properties अणु-अणु Part 2: Test conditions for moulding and extrusion plastics	No	Nil	nil

5.2 Status of standard referred in the IS.

S.No.	Referred standards (No.)	Referred standards (Title)	Since revised IS no. of the corresponding IS	Changes in the referred Standards since last review of IS	Changes in the referred standard which are affecting the standard under review	Action proposed
1	ISO 294-1,	Plastics â Injection moulding of test specimens of thermoplastic materials â Part 1: General principles, and moulding of multipurpose and bar test specimens	Nil	Nil	Nil	Nil
2	ISO 293	Plastics â Compression moulding of test specimens of thermoplastic materials	Nil	Nil	Nil	Nil
3	ISO 295	Plastics â Compression moulding of test specimens of thermosetting materials	Nil	Nil	Nil	Nil
4	ISO 527-1:2012	Plastics â Determination of tensile properties â Part 1: General principles	ISO 527-1:2019 Plastics â Determination of tensile properties â Part 1: General principles	an error in Figure 1 concerning ϵ_{tM} has been removed; the inconsistency concerning the accuracy of the elongation used in the calculation of the tensile modulus between 5.1.5.1, Figure 1 and Annex C has been removed. For gauge lengths $L_0 \geq 50$ mm, the accuracy is set to $\pm 1 \mu m$; the normative references (see Clause 2) have been updated; minor editorial changes have been applied; language has been clarified.	Nil	Nil
5	ISO 2818	Plastics â Preparation of test specimens by machining	Nil	Nil	Nil	Nil
6	ISO 10724-1	Plastics â Injection moulding of test specimens of thermosetting powder moulding compounds (PMCs) â Part 1: General principles and moulding of multipurpose test specimens	Nil	Nil	Nil	Nil
7	ISO 11403-3	Plastics â Acquisition and presentation of comparable multipoint data â Part 3: Environmental influences on properties	Nil	Nil	Nil	Nil
8	ISO 20753	Plastics â Test specimens	Nil	Nil	Nil	Nil

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

S.No.	Standard (No.)	Standard (Title)	Provisions that could be relevant while reviewing the IS	Action proposed
No entry made in this table				

5.4 Technical comments on the standard received, if any.

S.No.	Source	Clause of IS	Comment	Action proposed
No entry made in this table				

5.5 Information available on relevant technical developments

S.No.	Source	Development	Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.)	Action proposed
No entry made in this table				

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

S.No.	Related IS (revised or new)	Related IS Title	Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision	Changes that may be necessary in the Standards under review	Action proposed
No entry made in this table					

5.7 Any consequential changes to be considered in other IS.

S.No.	Related IS to get impacted	Related IS Title	Requirements to be impacted
No entry made in this table			

Other Details

6.	Any other observation:	
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7.	Upload Supporting Document(s)	
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7.1 ARP Report	69_4936_220613044529_ARP_Report.pdf
7.2 Draft Document	No Document Uploaded

8.	Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review:	Standard may be reaffirmed as ISO Standard has been confirmed.
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