



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 6 : Sec 18 : 2013
3.	Title :	Plastics - Methods of testing: Part 6 thermal properties section 18 determination of temperature of deflection under load - High - Strength thermosetting laminates and long - Fibre - Reinforced plastics (First Revision)
4.	Date of Previous Review:	February, 2018

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	ISO 75-3 : 2004	Plastics Determination of temperature of deflection under load Part 3: High-strength thermosetting laminates and long-fibre-reinforced 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	IS 13360 (Part 6/Sec 3) : 2013	Plastics Methods of testing: Part 6 Thermal properties, Section 3 Determination of temperature of deflection under load General test method (first revision)	Nil	Nil	Nil	Nil
2	IS 13360 (Part 5/Sec 7) : 1996	Plastics Methods of testing: Part 5 Mechanical properties, Section 7 Determination of flexural properties	IS 13360 (Part 5/Sec 7) : 2017 Plastics - Methods of testing: Part 5 mechanical properties section 7 determination of flexural properties (First Revision)	the standard has been technically revised to harmonize it with ISO 527-2 [already adopted under dual numbering as IS 13360 (Part 5/Sec 2)] with respect to the test speeds used for the determination of the flexural modulus and for the determination of other flexural properties; an additional method, Method B has been incorporated which uses two different strain rates for determination of the remainder of the flexural stress-strain curve; three new terms have been added under item 3 Terms and definitions, namely rigid plastic, span between specimen supports and flexural strain rate; a new annex, Annex A has been added, giving precision statement; and the normative references have been updated.	Nil	Nil
3	IS 13360 (Part 2/Sec 2) : 2012	Plastics Methods of testing: Part 2 Sampling and preparation of test specimens, Section 2 Compression moulding of test specimens of thermosetting materials (first revision)	Nil	Nil	Nil	Nil
4	IS 13360 (Part 2/Sec 4) : 1999	Plastics Methods of testing: Part 2 Sampling and preparation of test specimens, Section 4 Preparation of test specimens by machining	Withdrawn	Nil	Nil	Nil
5	ISO 1268 (all parts)	Fibre-reinforced plastics Methods of producing test plates	Nil	Nil	Nil	Nil
6	ISO 10724-1	Plastics Injection moulding of test specimens of thermosetting powder moulding compounds (PMCs) Part 1: General principles and moulding of multipurpose test specimens	Nil	Nil	Nil	Nil
7	ISO 14125	Fibre-reinforced plastic composites Determination of flexural properties	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:	
7.	Upload Supporting Document(s)	

7.1 ARP Report	69_107_230501022523_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:	Since ISO 75-3 has been confirmed by ISO in 2017. The Committee, PCD 27 in its last meeting has decided to reaffirm the standard.
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