



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 22 : 2017
3.	Title :	Plastics - Methods of testing: Part 5 mechanical properties section 22 determination of resistance to wear by abrasive wheels (First Revision)
4.	Date of Previous Review:	June, 2015

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	9352 : 2012	PLASTICS अणु DETERMINATION OF RESISTANCE TO WEAR BY ABRASIVE WHEELS	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 3400 (Part 2) : 2014	Methods of test for vulcanized rubber: Part 2 Rubber, vulcanized of thermoplastic Determination of hardness (hardness between 10 IRHD and 100 IRHD) (fourth revision)	Nil	Nil	Nil	Nil
2	IS 13360 (Part 2/Sec 1) : 1992	Plastics Methods of test : Part 2 Sampling and preparation of test specimens, Section 1 Compression moulding test specimens of thermoplastic materials (first revision)	IS 13360 (Part 2/Sec 1) : 2016 Plastics - Methods of testing: Part 2 sampling and preparation of test specimens section 1 plastics - Compression moulding of test specimens of thermoplastic materials (First Revision)	Revision has been undertaken to align it with the latest version of ISO 293.	Nil	Nil
3	IS 13360 (Part 2/Sec 3) : 2000	Plastics Methods of testing : Part 2 Sampling and preparation of test specimens, Section 2 Injection moulding of test specimens of thermoplastic materials General principles and moulding of multipurpose and bar test specimens	IS 13360 (Part 2/Sec 3) : 2019 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 (First Revision)	the types of test specimen have been replaced according to ISO 20753; Annex D has been added to clarify the methods for setting the operation parameters on injection machine; the original Annex D has been renamed as Annex E; incorporates the Amendments ISO 294-1 : 1996/Amd.1 : 2001 and ISO 294-1 : 1996/Amd.2 : 2005.	Nil	Nil
4	IS 13360 (Part 2/Sec 2) : 2013	Plastics Methods of testing : Part 2 Sampling and preparation of test specimens, Section 2 Compression moulding test of specimens of thermosetting materials (first revision)	IS 13360 (Part 2/Sec 2) : 2013 Plastics - Methods of testing: Part 2 sampling and preparation of test specimens section 2 compression moulding of test specimens of thermosetting materials (First Revision)	revision of this standard has been undertaken to align it with the latest version of ISO 295 : 2004	Nil	Nil
5	ISO 291	Plastics Standard atmospheres for conditioning and testing				
6	ISO 2818	Plastics Preparation of test specimens by machining				
7	ISO 6506-1	Metallic materials Brinell hardness test Part 1: Test method				
8	ISO 6507-1	Metallic materials Vickers hardness test Part 1: Test method				

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:	ISO 9352 : 2012 has been confirmed by ISO in 2017.
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7.	Upload Supporting Document(s)	
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7.1 ARP Report	69_4937_220725020658_ARP_Report.pdf
7.2 Draft Document	69_4937_220725020658_Draft_Document.pdf

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:	Indian Standard is the adoption of ISO 9352. ISO 9352 : 2012 has been confirmed by ISO in 2017. Hence the Committee in its last meeting has decided to reaffirm the Standard.
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