



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)

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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 5 : 2017
3.	Title :	Plastics - Methods of testing: Part 5 mechanical properties section 5 determination of charpy impact properties - Non - Instrumented impact test (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	ISO 179-1 : 2010	Plastics Determination of Charpy impact properties Part 1: Non-instrumented impact test	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 291	Plastics â Standard atmospheres for conditioning and testing		-		
2	ISO 293	Plastics â Compression moulding of test specimens of thermoplastic materials				
3	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				
4	ISO 294-3	Plastics â Injection moulding of test specimens of thermoplastic materials â Part 3: Small plates				
5	ISO 295	Plastics â Compression moulding of test specimens of thermosetting materials				
6	ISO 1268-11	Fibre-reinforced plastics â Methods of producing test plates â Part 11: Injection moulding of BMC and other long-fibre moulding compounds â Small plates				
7	ISO 2602	Statistical interpretation of test results â Estimation of the mean â Confidence interval				
8	ISO 2818	Plastics â Preparation of test specimens by machining				
9	ISO 3167	Plastics â Multipurpose test specimens				
10	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				
11	ISO 13802	Plastics â Verification of pendulum impact-testing machines â Charpy, Izod and tensile impact-testing				

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 179-1 is to be revised and new ISO document is under development.
7.	Upload Supporting Document(s)	

7.1 ARP Report	69_4942_220725123905_ARP_Report.pdf
7.2 Draft Document	69_4942_220725123905_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:	The ISO 179-1 : 2010 is under revision. The Indian Standard may be reaffirmed for time being and revision may be taken up once the ISO standard is revised.
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