



## Review Document

### Basic Details

1.	Sectional Committee No. & Title:	PCD 27 - Methods of Sampling and Test for Plastics
2.	IS No :	IS 13360 : Part 8 : Sec 11 : 2018
3.	Title :	Plastics - Methods of testing: Part 8 performance/chemical properties section 11 determination of environmental stress cracking (Esc) - Constant - Tensile load method (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	ISO 22088-2 : 2006	Plastics — Determination of resistance to environmental stress cracking (ESC) — Part 2: Constant tensile load method			

**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 2/Sec 1) : 2016	Plastics Methods of testing: Part 2 Sampling and preparation of test specimens, Section 1 Compression moulding test specimens of thermoplastic materials (first revision)				
2	IS 13360 (Part 2/Sec 3) : 2000	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	IS 13360 (Part 2/Sec 3) : 2019 Plastics Methods of Testing Part 6 Thermal Properties Section 1 Determination of vicat softening temperature of thermoplastic materials ( Second 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		
3	IS 13360 (Part 5/Sec 2) : 2017	Plastics Methods of testing: Part 5 Mechanical properties, Section 2 Determination of tensile properties Test conditions for moulding and extrusion plastics (first revision)				
4	ISO 2818	Plastics Preparation of test specimens by machining				
5	ISO 3167	Plastics Multipurpose test specimens				
6	ISO 22088-1:2006	Plastics Determination of resistance to environmental stress cracking (ESC) Part 1: General guidance				

**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)	
<b>7.1 ARP Report</b>		<a href="#">69_4960_240301031159_ARP_Report.docx</a>
<b>7.2 Draft Document</b>		<a href="#">69_4960_240301031207_Draft_Document.docx</a>
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 Committee in its last meeting has decided to reaffirm the standard.