



Review Document

Basic Details

1.	Sectional Committee No. & Title:	TXD 35 - Technical Textiles for Agrotech Applications
2.	IS No :	IS 15907 : 2010
3.	Title :	Agro textiles ☑ High density polyethylene (HDPE) woven beds for vermiculture ☑ Specification
4.	Date of Previous Review:	December, 2019

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
No entry made in this table					

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 1964 : 2001	Textiles Methods for determination of mass per unit length and mass per unit area of fabrics (second revision)	Same Version	NA	NA	NA
2	IS 1966 : 1975	Methods for determination of bursting strength and bursting distention of fabrics Diaphragm method (first revision)	IS 1966 (Part 1) : 2022 ISO 13938-1 : 2019 Textiles Bursting properties of fabrics Part 1 : Hydraulic method for determination of bursting strength and bursting distension (third revision)	NA	This standard is superseded to IS 1966 (Part 1) : 2022	This standard is superseded to IS 1966 (Part 1) : 2022
3	IS 1969 : 1985	Methods for determination of breaking strength and elongation of woven textile fabrics (second revision)	IS 1969 (Part 1) : 2018 ISO 13934-1 : 2013 Textiles Tensile properties of fabrics Part 1 Determination of maximum force and elongation at maximum force using the strip method (fourth revision)	NA	This standard is superseded to IS 1969 (Part 1) : 2018	This standard is superseded to IS 1969 (Part 1) : 2018
4	IS 2454 : 1985	Methods for determination of colour fastness of textile materials to artificial light (Xenon lamp) (first revision)	IS/ISO 105-B02 : 2014 Textiles Tests for colour fastness Part B02 Colour fastness to artificial light : Xenon arc fading lamp test	NA	This standard is superseded to IS/ISO 105-B02 : 2014	Latest version of the standard i.e. IS/ISO 105-B02 : 2014 shall be referred in the revision and accordingly other changes will be made wherever required
5	IS 6192 : 1994	Textiles Monoaxially oriented high density polyethylene tapes Specification (second revision)	IS 6192 : 2023 Textiles Monoaxially oriented high density polyethylene HDPE and polypropylene PP tapes Specification (third revision)	NA	It has been revised again to incorporate the following changes: a) The requirement for ash content and its test method has been specified; b) All amendments have been incorporated; c) Marking requirements have been modified to include the environment friendly recycling logo on the tape package; and d) Sampling and criteria for conformity have been modified.	Latest version of the standard i.e. IS 6192 : 2023 shall be referred in the revision and accordingly other changes will be made wherever required
6	IS 6899 : 1997	Textiles High density polyethylene (HDPE) woven fabrics Specification (second revision)	IS 6899 : 2023 Textiles High density polyethylene (HDPE)/ polypropylene (PP) woven fabrics Specification (third revision)	NA	In this revision, the following changes incorporated are as follows: a) Requirement for breaking strength of the fabric has been modified; b) Requirement for UV resistance test for HDPE/PP woven fabrics has been included; c) Method of test for UV resistance has been included; and d) Requirement for ash content has been included.	Latest version of the standard i.e. IS 6899 : 2023 shall be referred in the revision and accordingly other changes will be made wherever required
7	IS 7016 (Part 3) : 1981	Methods of test for coated and treated fabrics: Determination of tear strength (first revision)	IS 7016 (Part 3/Sec 1) : 2022 ISO 4674-1 : 2016 Methods of Test for Rubber or Plastics Coated Fabrics Part 3 Determination of Tear Resistance Section 1 Constant Rate of Tear Methods (third revision)	NA	This standard is superseded to IS 7016 (Part 3/Sec 1) : 2022	Latest version of the standard i.e. IS 7016 (Part 3/Sec 1) : 2022 shall be referred in the revision and accordingly other changes will be made wherever required
8	IS 7016 (Part 8) : 1975	Methods of test for coated and treated fabrics: Accelerated ageing	IS 7016 (Part 8) : 2023 ISO 1419 : 2019 Methods of Test for Rubber or Plastics Coated Fabrics: Part 8 Accelerated Ageing (first revision)	NA	This standard is superseded to IS 7016 (Part 8) : 2023	Latest version of the standard i.e. IS 7016 (Part 8) : 2023 shall be referred in the revision and accordingly other changes will be made wherever required
9	IS 7940 : 1976	Methods for determining resistance to penetration by water of fabrics by static pressure head test	Same Version	NA	NA	NA
10	IS 7941 : 1976	Method for determining the water repellency of fabrics by cone test	Same version	NA	NA	NA

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	71_3567_240607015552_ARP_Report.docx
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:	Based on the above observations, the committee may reaffirm the standard for a further period of 5 years.
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