

भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

Doc. No: TXD 40 (24842) WC
March 2024

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भारतीय मानक मसौदा

वस्त्र कांच – स्टेपल रेशे या तंतु – औसत व्यास का निर्धारण

(आई एस 17297 का पहला पुनरीक्षण)

Draft Indian Standard

**TEXTILE GLASS — STAPLE FIBRES OR FILAMENTS —
DETERMINATION OF AVERAGE DIAMETER**

(First Revision of IS 17297)

ICS 59.100.10

High Performance Fibres, Fibrous Structure and
Textile Components of composites Sectional
Committee, TXD 40

Last date for receipt of comment is
12 May 2024

FOREWORD

(Formal clauses will be added later)

This Indian Standard intended to be adopted is identical with ISO 1888 : 2022 ‘Textile Glass — Staple Fibres or Filaments — Determination of Average Diameter’ issued by the International Organization for Standardization (ISO).

This standard was originally published in 2019. The first revision of this standard has been undertaken to harmonize it with the latest version of ISO 1888 : 2022 ‘Textile Glass — Staple Fibres or Filaments — Determination of Average Diameter’.

Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this standard intended to be adopted, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 472, Plastics — Vocabulary	IS 2828 : 2019/ISO 472 : 2013 Plastics - Vocabulary (<i>second revision</i>)	Identical
ISO 1889, Reinforcement yarns — Determination of linear density	IS 17298 : 2019/ISO 1889 : 2009 Reinforcement yarns — Determination of linear density	Identical

The Committee has reviewed the provisions of the following International Standard referred in this intended to be adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 12154	Determination of density by volumetric displacement — Skeleton density by gas pycnometry

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

SCOPE

This document specifies three test methods used for determining the average diameter (i.e. the average value of actual diameters) of staple fibres or filaments in a textile glass product.

FORMAT FOR SENDING COMMENTS ON BIS DOCUMENTS

(Please use A4 size sheet of paper only and type within fields indicated. Comments on each clause/sub clause/table/fig etc. be started on a fresh box. Information in column 3 should include reasons for the comments and suggestions for modified working of the clauses when the existing text is found not acceptable. Adherence to this format facilitates Secretariat's work)

Please e-mail your comments to txd@bis.gov.in

NAME OF THE COMMENTATOR/ORGANIZATION:

DOCUMENT NO: TXD 40 (24842)

BIS LETTER REFERENCE NO.:

Item, Clause Sub-Clause No. Commented Upon (Use Separate Box a fresh)	Comments	Specific Proposal (Draft) Clause to be add/ amended	Remarks	Technical References and Justification on Which (2), (3), (4) are based
(1)	(2)	(3)	(4)	(5)

