

**भारतीय मानक ब्यूरो**  
**BUREAU OF INDIAN STANDARDS**

DRAFT FOR COMMENTS ONLY

Doc. No: TXD 40 (24843) WC  
March 2024

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**भारतीय मानक मसौदा**

**वस्त्र कांच – धागे – पदनाम**

*(आई एस 17300 का पहला पुनरीक्षण)*

*Draft Indian Standard*

**TEXTILE GLASS — YARNS — DESIGNATION**

*(First Revision of IS 17300)*

**ICS 59.100.10**

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

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Last date for receipt of comment is  
12 May 2024

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**FOREWORD**

*(Formal clauses will be added later)*

This Indian Standard intended to be adopted is identical with ISO 2078 : 2022 ‘Textile Glass — Yarns — Designation’ 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 2078 : 2022 ‘Textile Glass — Yarns — Designation’.

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 the following International Standard for which Indian Standard also exists. The corresponding Indian Standard, which is to be substituted in its respective place, is listed below along with its degree of equivalence for the edition 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

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

<i>International Standard</i>	<i>Title</i>
ISO 2	Textiles — Designation of the direction of twist in yarns and related products
ISO 1139	Textiles — Designation of yarns

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 a system of designating textile glass yarns (including single, multiple-wound, folded (plied), cabled and textured yarns, strands, slivers and rovings) based on their linear density expressed in the tex system.

## 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](mailto:txd@bis.gov.in)*

NAME OF THE COMMENTATOR/ORGANIZATION:

**DOCUMENT NO: TXD 40 (24843)**

**BIS LETTER REFERENCE NO.:**

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