**Doc No.: TXD 01 (25573)**

 **IS xxxxx : 2024**

 **ISO 24180 : 2021**

*भारतीय मानक*

वस्त्रादि — **कृत्रिम** **रेशा धागा** —विधुत प्रीतिरोध के मापन द्वारा इलेक्ट्रोस्टैटिक प्रवृति ज्ञात करना

*Indian Standard*

**TEXTILES — SYNTHETIC FILAMENT YARNS — ELECTROSTATIC PROPENSITY EVALUATION BY MEASURING ELECTRICAL RESISTANCE**

ICS 59.080.20

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B U R E A U O F I N D I A N S T A N D A R D S

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI 110002

**September 2024 Price Group**

 **IS xxxxx : 2024**

 **ISO 24281 : 2021**

Physical Methods of Test Sectional Committee, TXD 01

**NATIONAL FOREWORD**

This Indian Standard which is identical with ISO 24180 : 2021 ‘Textiles — Synthetic filament yarns — Electrostatic propensity evaluation by measuring electrical resistance’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on recommendation of the Physical Methods of Test Sectional Committee and approval of the Textiles Division Council.

The text of ISO standard has been approved as suitable for publication as Indian Standard without deviations. Certain conventions are however not identical to those used in Indian Standards. Attention is particularly drawn to the following:

1. Wherever the words ‘International Standard’ appears referring to this standard, they should be read as `Indian Standard’.
2. 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 adopted standard, reference appears to the following 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 its degree of equivalence for the editions` indicated.

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| ISO 139, Textiles — Standard atmospheres for conditioning and testing | IS 6359 : 2023 Method for conditioning of textiles (*first revision*) | Technically Equivalent with ISO 139 |
| ISO 2060, Textiles — Yarn from packages — Determination of linear density (mass per unit length) by the skein method | IS 1315 : 1977 Method for determination of linear density of yarns spun on cotton system | Indigenous |

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*)’