

केन्द्रीय मुहर विभाग -2

संदर्भ -: के मू वी-2/16:17263

16 02 2023

विषय: IS 17263:2022 के amendment no. 3 के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।

अनुरोध है की दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

**आदित्य दास
वैज्ञानिक D**

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ TXD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:17263

16 02 2023

Subject: Guidelines for implementation of amendment no. 3 to IS 17263:2022

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

It is requested to ensure the implementation of the above Guidelines with immediate effect.

(Aditya Das)
Scientist D

Head (CMD-2)

DDG (Certification)

All ROs/BOs/Labs/TXD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref:CMD-2/16:17263

Date: 16 02 2023

Subject: Guidelines for implementation of Amendment no. 3 to IS 17263:2022 (Textiles - Polyester staples fibres - Specification)

1. Amendment no. 3 to IS 17263:2022 has been published. The last date of implementation of the amendment is **29 April 2023**.
2. The significant changes in the standard through this amendment as listed in the Table are given for the purpose of general guidance.

Clause No.	Change
3.5	Definition of "Commercial Allowance" has been modified
3.6	Definition of "Commercial Mass" has been modified
3.7	Definition of "Mass" including Gross Mass, Net Mass and Tare have been modified
4.4.3, Table 5, SI No. (iii), col (2)]	"Bright (BRT)/Optically Bright (OBRT)" has been replaced by "Bright (BRT)/Optically White (OW)"
4.5.3	Under classification based on dyeing method, 'Dope Dyed (DD)/Optically White (OW)' has been replaced by "Dope Dyed (DD)"
5.1 (a)	In the clause for identification of material, where melting point of 245 °C, Min is specified for polyester fibres, it has been elaborated that the melting point for low melt polyester fibers shall be 110 °C, Min; and for DD colored polyester fibre shall be 240 °C, Min;
Table 2,	In the table for Identification of Polyester Fully Drawn Yarn, Low tenacity high elongation fibres, Thermobond fibres, Recycled fibres, Virgin fibres have been added and in the entry for Lustre - Optically White (OW)' has been inserted
Table 3	Under the table for Physical Requirements of Polyester Staple Fibres, a note has been added stating - Wherever in test methods, conditioning of samples is required, the polyester fibre samples shall be conditioned for at least 4 h, in the standard atmosphere without drying, to attain moisture equilibrium
Table 4, SI No. (xi), col (2) and (3)]	Requirement for Whiteness index, Min. (for stay fibres only) has been modified to remove entries for Full dull (FD) and Semi dull (SD)
6.4, Table 6, SI No. (iii), SI No. (iv),	Under Colour Fastness Properties, requirements of colour fastness to rubbing and colour fastness to perspiration (acidic and alkaline) have been made optional.'
6.5	Clause on commercial mass has been modified – and reference to IS 7703 (Part 3) has been removed
8.1 (b)	In the marking clause 'Gross or net mass of each bale of fibres;' has been substituted for 'Commercial mass of each bale of fibres'.
Annex A	Reference to IS 7703 (Part 3) : 1991 has been removed from Annex A - LIST OF REFERRED INDIAN STANDARDS
Annex C-4, Annex E-3, Annex K-3.2	In the methods for determination of crimp properties, moisture regain, and dry heat shrinkage of single polyester staple fibre a note has been added to state - Conditioning of samples for at least 4 h is sufficient to attain moisture equilibrium

3. Revised product manual incorporating the amendment is being circulated separately.
4. Most of the changes to the standard through this amendment are editorial, apart from the requirements of colour fastness to rubbing and colour fastness to perspiration (acidic and alkaline) having been made optional, and conditioning period being relaxed to 4 h for determination of crimp properties, moisture regain, and dry heat shrinkage of single polyester staple fibre, none of which require any evidence of conformity to the amended standard to be established.
5. In view of the above, BOs are requested to circulate this amendment to licensees and applicants immediately within 7 days of issue of this circular.
6. No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted without consideration of the amendment after **29 April 2023**.
7. The above guidelines come into force with immediate effect.

Aditya Das
Sc. D

Head (CMD-2)
DDG (Certification)

AMENDMENT NO. 3 JANUARY 2023

TO

IS 17263 : 2022 TEXTILES — POLYESTER STAPLES FIBRES — SPECIFICATION
(*First Revision*)

(Page 1, Clause 3.5) — Substitute the following for existing:

‘3.5 Commercial Allowance — A defined percentage to be added to the net mass of the yarns at ambient conditions for the calculation of commercial mass and certain other properties.

NOTE — The commercial allowance for Polyester Staple Fibre (PSF) shall be 2.0 percent. However, for hygroscopic fibres it shall be 15 percent.’

(Page 1, Clause 3.6) — Substitute the following for existing:

‘3.6 Commercial Mass — The mass obtained by adding to the net mass, at ambient conditions, the mass corresponding to the commercial allowance.’

(Page 1, Clause 3.7) — Substitute the following for existing:

‘3.7 Mass**3.7.1 Gross Mass**

The total mass of a consignment, or of any part of a consignment, including the yarn and the tare.

3.7.2 Net Mass

The difference between the gross mass and the corresponding tare, determined at the same time.

3.7.3 Tare

The sum of the masses of all the packing materials such as pallets, wrappers and covers, tie bands/straps, paper tubes, etc, relating to a consignment or to any part of a consignment.’

(Page 3, Clause 4.4.3) — Substitute ‘Bright (BRT)/Optically White (OW)’ for ‘Bright (BRT)/Optically Bright (OBRT)’.

(Page 3, Clause 4.5.3) — Substitute ‘Dope Dyed (DD)’ for ‘Dope Dyed (DD)/Optically White (OW)’.

[Page 3, Clause 5.1 (a)] — Substitute the following for existing:

‘a) Microscopic and dissolution tests given in IS 667 and melting point of 245 °C, *Min* when tested as per method specified in Annex J of IS 16481. The melting point for low melt polyester fibers shall be 110 °C, *Min*; and for DD colored polyester fibre shall be 240 °C, *Min*; or’

(Page 4, Table 2) — Insert the followings rows after SI No. xxx).

‘xxxi) Low tenacity high elongation fibres	LTHE
xxxii) Thermobond fibres	ThB
xxxiii) Recycled fibres	RF
xxxiv) Virgin fibres	VF’.

Price Group 1

[Page 4, Table 2, Sl No. (iv), col (3)] — Insert ‘Optically White (OW)’.

(Page 5, Table 3) — Insert the following note under the table:

‘NOTE — Wherever in test methods, conditioning of samples is required, the polyester fibre samples shall be conditioned for at least 4 h, in the standard atmosphere without drying, to attain moisture equilibrium.’

[Page 6, Table 4, Sl No. (xi), col (2) and (3)] — Substitute the following for existing:

‘Whiteness Index, *Min*

(for stay white fibres only)

a) Semi Dull Optically Bright (SDOB)	110
b) Optically White (OW)	115
c) Recycled Fibers (RF)	35’.

[Page 7, Table 5, Sl No. (iii), col (2)] — Substitute ‘Bright (BRT)/Optically White (OW)’ for ‘Bright (BRT)/OBRT’.

(Page 7, Clause 6.4) — Insert the following after sentence 1:

‘The requirements of colour fastness to rubbing and colour fastness to perspiration (acidic and alkaline) shall be optional.’

(Page 7, Clause 6.5) — Substitute the following for existing:

‘6.5 Commercial Mass

The commercial mass shall be obtained by adding mass corresponding to commercial allowance of 2.0 percent to the net mass of the consignment at ambient conditions and it shall not be less than the declared commercial mass of the consignment.

NOTE — The commercial allowance may be up to 15.0 percent in some specific hygroscopic fibres, duly mentioned in such cases.’

[Page 7, Table 6, Sl No. (iii), col (2)] — Substitute ‘Rubbing (optional)’ for ‘Rubbing’.

[Page 7, Table 6, Sl No. (iv), col (2)] — Substitute ‘perspiration (acidic and alkaline) (optional)’ for ‘perspiration (acidic and alkaline)’.

[Page 7, Clause 8.1 (b)] — Substitute ‘Gross or net mass of each carton/pallet;’ for ‘Commercial mass of each carton/pallet’.

(Page 10, Annex A) — Delete the following reference:

‘IS 7703 (Part 3) : 1991 Methods of test for continuous filament polyester and polyamide flat yarn — Commercial mass (first revision)’.

(Page 11, Annex C-4) — Insert the following note under the clause:

‘NOTE — Conditioning of samples for at least 4 h is sufficient to attain moisture equilibrium.’

(Page 13, Annex E-3) — Insert the following note under the clause:

‘NOTE — Conditioning of samples for at least 4 h is sufficient to attain moisture equilibrium.’

(Page 18, Annex K-3.2) — Insert the following note under the clause:

‘NOTE — Conditioning of samples for at least 4 h is sufficient to attain moisture equilibrium.’

(TXD 31)