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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 14460-2015

Replacing GB/T 14460-2008

Polyester drawn textured yarn

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 14460-2008 "DTY." This standard 14460-2008 major changes compared to GB/T as follows:

- Expanding the scope of the standard, the density of the bus by the 30dtex ~ 600dtex modify 20dtex ~ 1000dtex (see Chapter 1, Chapter 1, 2008);
- Normative references, an increase of GB/T 6506 and GB/T 23111, remove the GB/T 1250 (see Chapter 2, 2008 Chapter 2 edition); Version Table 1);
- Breaking strength to breaking strength index variation coefficient of variation coefficient (see Table 1, Table 1, 2008 edition);
- Crimp shrinkage percentage indicators to bilateral control center value (see Table 1, Table 1, 2008 edition);
- Curl stability index. $0.3\text{dtex} \leq \text{dpf} \leq 0.5\text{dtex}$ a profile superior products, first-class products, qualified to. $\geq 60.0\%$, $\geq 50.0\%$, $\geq 40.0\%$; Table 1, Table 1, 2008 edition);
- Network metrics to the central value of the percentage of bilateral control (see Table 1, Table 1, 2008 edition);
- Oil central value M4, monofilament line density (dpf) $\leq 1.0\text{dtex}$, the 2% to 4%, to. $\leq 4\%$; single thread density (dpf) > When 1.0dtex , 2% ~ 3.5%, to. $M4 \leq 3.5\%$ (see Table 1, Table 1, 2008 edition);
- Increase "crimp shrinkage and curl stability test according to GB/T 6506 regulations" (see 6.1.3);
- Test method for increasing the weight of the cylinder (see 6.1.8);
- When the reinspection, the appearance of assessment indicators, when the number of package failed $\geq Re$, reduce the level of the original one level, read. sentenced to discrepancies Former co-Level (see 7552, 2008 version 8.4.2...);
- Retest, the assessed level of integrated products to the physical appearance of the

project and project items in the lowest grade given for the product level, change As follows:

7.4.3 Press assessment equal to or higher than the original level to comply with the judgment, and so the penalty is less than the original does not comply (see 7.5.5.3, 2008 Version 8.4.3);

--- Delete "box for each package size as uniform as possible within the requirements" (see 822, 2008 Edition 10.1.2.);

1 Scope

GB/T 14460-2015 is the Chinese national standard on polyester drawn textured yarn, in the field of textile and leather technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 11 September 2015 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2016. Classification: ICS 59.060.20, CCS W52. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terms and definitions of DTY, product identification, technical requirements, test methods, inspection rules and signs, packaging, transportation Transport and storage requirements. This standard applies to buses density 20dtex ~ 1000dtex, monofilament line density 0.3dtex ~ 5.6dtex, circular cross-section, semi-dull polyester Wong DTY, DTY other types of reference can be used.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 250 textile color fastness test assessing change in color like the gray card

GB/T 2828.1-2012 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample plan

GB/T 3291.1 textile material properties and test - Part 1. fibers and yarns

GB/T 3291.3 textile material properties and test - Part 3. General

GB/T 4146.1 Textiles chemical fiber - Part 1. generic name

GB/T 4146.3 Textiles chemical fiber - Part 3. Testing Terminology

GB/T 6502 sampling method of chemical fiber filament

GB/T 6504 Test method for chemical fiber oil content

GB/T 6505 chemical fiber filament heat shrinkage test method

GB/T 6506 texturing yarn crimp performance test method

GB/T 6508 dyed polyester filament uniformity test method

GB/T 8170 repair value expressed about the rules and limit values judgment

GB/T 14189 fiber grade polyester chip (PET)

3 Terms and Definitions

GB/T 3291.1, GB/T 3291.3, GB/T 4146.1, GB/T 4146.3, GB/T 14189 and defined by the following terms and definitions Meaning applicable to this document.

3.1 Monofilament thread density lineardensityofmonofilament Multifilament yarn linear density per filament, with the dpf represents.