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

GB/T 13758-2008

Replacing GB/T 13758-1992

Viscose filament yarn

粘胶长丝

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1 Scope

GB/T 13758-2008 is the Chinese national standard on viscose filament 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 6 August 2008 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 June 2009. 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 requirements for product classification, technical requirements,

test methods, inspection rules and marks, packaging, transportation, and storage of viscose filament yarn. This Standard is applicable to the viscose filament yarn that is produced from cotton pulp or wood pulp. This Standard is applicable to the authentication and acceptance of the viscose filament yarn of which the linear density is at 66.7dtex~333.3dtex. Dope colored silk, the ones of which the linear density is below 66.7dtex and above 333.3dtex can refer to this Standard as reference.

2 Normative references

The provisions in following documents become the provisions of this Standard through reference in this Standard. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Standard, however, parties who reach an agreement based on this Standard are encouraged to study if the latest versions of these documents are applicable. For undated references, the latest edition of the referenced document applies.

GB/T 250, Textiles - Tests for colour fastness - Grey scale for assessing change in colour

GB/T 1250, Rules for expression and judgement of limiting values

GB/T 3291.1, Textiles - Terms of textile material properties and test - Part 1. Fibre and yarn

GB/T 3291.3, Textiles - Terms of textile material properties and test - Part 3. General

3 Terms and definitions

For the purposes of this document, the terms and definitions defined in GB/T 3291.1, GB/T 3291.3 and GB/T 4146 as well as the followings apply.

3.1 product lot The serial production batch number with same raw materials, chemical materials, auxiliary materials, process conditions and product specifications.

4 Product classification and marks

4.1 According to the different amount of matting agent or color paste added during production, viscose filament yarn is divided into shiny yarn, matting yarn, and colored yarn.

4.2 Product specifications are expressed by linear density (dtex) and number of filaments (f).

4.3 The product model is identified by the pulp, product specifications and production process used in production.

5 Technical requirements

5.1 Product grading Viscose filament yarn is graded as excellent, first-class, and qualified

products. Those that are lower than qualified products are out-of-class products.

6.1.2.1 Preparation of samples for measuring physical and mechanical properties

6.2 Linear density and number of filaments Strip the surface silk of each laboratory sample, in accordance with GB/T 14343.

6.3 Breaking strength and breaking elongation Strip the surface silk of each laboratory sample, in accordance with GB/T 14344.

6.4 Twist In accordance with GB/T 14345.

6.5 Residual sulfur In accordance with FZ/T 50014.

6.6 Dyeing uniformity In accordance with FZ/T 50015. Conduct rating according to GB/T 250.

6.7 Moisture regain In accordance with GB/T 6503.

6.8 Oil content In accordance with GB/T 6504.

6.9 Rounding-off In accordance with GB/T 8170.

7 Inspection rules

7.1 Inspection type All items in Table 1 are exit-factory inspection items.

7.2 Inspection items

7.2.1 The performance items shall be in accordance with the requirements of Table 1 and shall be inspected according to the test methods specified in Clause 6.

7.3 Batching rules Use periodic sampling to form a test lot within a certain range. A product lot can consist of one test lot or several test lots.

7.4 Sampling regulations

7.4.1 The laboratory sample sampling of each test item in Table 1 shall be

7.5 Result evaluation

7.5.1 The grades for the physical and mechanical properties and dyeing and chemical properties of a lot of products are conducted item by item according to Table 1.

7.5.2 The appearance quality of each silk tube, silk skein, and silk cake in a lot of products is graded based on Table A.1, Table A.2, Table A.3 in Annex A item by item. The grades are respectively according to the rounding value comparison method in GB/T 1250. The lowest grade is used as the grade of each filament tube in this lot.

7.5.3 The grade of each silk tube (twist, cake) in a lot of products is determined according to the lowest grade among the evaluation results of physical and mechanical properties, dyeing properties and appearance defects.

8 Reinspection rules

8.1 When the shipment arrives at the consignee, check whether the outer packaging quality, number of pieces, and net quality of the package are consistent with the manifest.

8.2 Within three months, if the product performance quality is found to be inconsistent with the quality report, it can be submitted for re-inspection. If more than one-third of this lot of products is used, no re-inspection is allowed.

8.5 The batching shall be conducted according to the original product lot during reinspection.

8.6 The sampling method during the reinspection shall be carried out according to the sampling method in GB/T 6502.

8.7 The reinspection can be conducted by the manufacturer and the user together for sampling and testing, or it can be arbitrated by the legal inspection agency. The evaluation of the reinspection result shall be implemented according to the evaluation method in 7.5.

8.8 The reinspection result is the final result. The manufacturer is no longer responsible for this lot after the reinspection process.

8.9 When checking and accepting, the public mass calculation is as formula (1), formula (2).

9.1 Marks

9.1.1 Marks on the box. printing factory name, factory address, trademark, product name, product standard number, moisture-proof, sun-proof, front and back signs and handling requirements and so on.

9.2 Packaging

9.2.1 The viscose filament yarn products are divided into tube, skein and cake. The weight of the same lot of products, the weight of the tube, the skein and the cake shall be consistent.

9.2.2 The packaging of the product shall be firm, safe, moisture-proof and easy to transport to ensure that the product is not damaged.

9.2.4 The moisture regain rate of the product during packaging shall be within 8%~15%. When exceeding, the humidity shall be adjusted to the specified range before packaging.