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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 52033-2014

**Polyethylene/polypropylene(PE/PP)whitening bicomponent
composite staple fiber**

聚乙烯_聚丙烯(PE/PP)增白复合短纤维 清晰版
(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The standard proposed by China Textile Industry Association.

This standard by the Shanghai textile industry technical supervision of the centralized.

This standard was drafted. Jiangsu Jiangnan High Fiber Co., Ltd., Shanghai textile industry technical supervision, Zhejiang new dimension lion synthetic shares Limited.

1 Scope

This standard specifies the terms and definitions of polyethylene/polypropylene (PE/PP) composite short fiber whitening, classification and labeling, technical requirements, test Methods, inspection rules and signs, packaging, transportation and storage requirements.

This standard applies to a linear density of 1.33dtex ~ 8.89dtex of circular cross-section, a polyethylene/polypropylene (PE/PP) sheath-core Whitening composite short fibers. Other types of whitened short fiber composite can refer to use.

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 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 6503 Test Methods for chemical fiber moisture regain GB/T 6504 Test method for chemical fiber oil content GB/T 8170 repair value expressed about the rules and limit values and judgment GB/T 14334 chemical fiber staple sampling method GB/T 14335 chemical fiber staple linear density test method GB/T 14336 chemical fiber staple length of the test method GB/T 14337 chemical fiber short fiber tensile properties GB/T 14338 chemical fiber staple crimp performance test method GB/T 14339 chemical fiber staple defect test method GB/T 14342 synthetic staple fiber than the resistance test method GB 15979 standard disposable sanitary products FZ/T 50013 chemical cellulose fibers Test method for whiteness diffuse blue reflectance factor method

3 Terms and Definitions

GB/T 3291.1, GB/T 3291.3, GB/T 4146.1 and GB/T 4146.3 defined and the following terms and definitions apply to this file.

Polyethylene/polypropylene (PE/PP) composite whitening staple fiber

polyethylene/polypropylene (PE/PP) whitening bicomponent composite staple fiber

Polyethylene (PE) and polypropylene (PP) and polypropylene (PP) whitening masterbatch as raw material, formed by spinning polyethylene (PE) and polypropylene (PP) whitening, bicomponent staple fibers.

Sheath core polyethylene/polypropylene (PE/PP) composite whitening staple fiber

sheath-core polyethylene/polypropylene (PE/PP)

whitening bicomponent composite staple fiber Polyethylene (PE) and polypropylene (PP) and polypropylene (PP) whitening masterbatch as raw material, formed by spinning polyethylene (PE) is a sheath and polypropylene (PP) as core sheath-core type, whitening, bicomponent staple fiber.

4.1 Categories

Polyethylene/polypropylene (PE/PP) composite short fiber whitening nominal linear density, divided into three categories.

--- Linear density 1.33dtex ~ 5 Technical requirements

5.1 Product classification

Polyethylene/polypropylene (PE/PP) composite short fiber whitening products are divided into superior products, first-class products, qualified three levels below the qualified product as Substandard goods.

5.2 Performance Project

Performance of projects and indicators in Table 1.

5.3 Oil Content

The two sides negotiated by supply and demand.

5.4 Quality Difference

Deviation of the average rate of net mass and conventional mass of the package does not exceed $\pm 0.5\%$.

Deviation rate packages nominal net mass and conventional mass does not exceed $\pm 1\%$, non-fixed weight item reference use.

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Indeed

Indeed

6.1 Breaking strength, elongation at break

Breaking strength, elongation at break performed in GB/T 14337 regulations. Wherein the adjusted gauge length of 10mm, the tensile speed 40mm/min. Pre tension is (0.15 ± 0.03) cN/dtex.

6.2 Linear density deviation rate

According to GB/T 14335 regulations, which the fiber bundle in the middle weighing method to arbitration.

6.3 Length deviation rate, twice as long as the fiber content

Length deviation rate, twice as long as the fiber content according to GB/T 14336 regulations, which the fiber bundle in the middle weighing method to arbitration.

6.4 Defect content

According to GB/T 14339 regulations, wherein the method B (hand-picking method) for the arbitration method.

6.5 Crimp number, crimp rate

According to GB/T 14338 regulations.

6.6 Specific resistance

According to GB/T 14342 regulations.