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

FZ/T 13024-2020

**Meta-aramidgrey fabric
(English Translation)**

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Foreword

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

This standard replaces FZ/T 13024-2011 "Aramid 1313 Natural Fabric". Major technical changes compared with FZ/T 13024-2011 as follows.

---Added the logo content (see 3.2);

---The name of the original intrinsic quality width, density, and breaking strength assessment items is adjusted to width deviation rate, density deviation rate, and breaking strength deviation Rate (see 4.1, 4.1 in the 2011 edition).

---The quality deviation rate assessment items per unit area have been added, and the neps defect grid rate assessment items have been deleted (see Table 1, 2011 version of the Table 1);

---The second-class fabric weave is adjusted to meet the design requirements, the density deviation rate is adjusted to positive and negative deviations, and the tearing strength is assessed in two levels (see

Table 1, Table 1 of the 2011 edition);

---The allowable number of ratings for fabric defects was changed from points/m² to points/100m², and the first-class and second-class product evaluation indicators (see Table 2, Table 2 of the 2011 edition);

--- Delete the original Appendix B and Appendix C (see Appendix B and Appendix C in the 2011 edition).

This standard was proposed by the China National Textile and Apparel Council.

This standard is under the jurisdiction of the Cotton Textile Subcommittee of the National

Textile Standardization Technical Committee (SAC/TC209/SC10).

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1 Scope

This standard specifies the classification and marking, requirements, test and inspection methods, inspection rules, marking, packaging, transportation and Store.

This standard applies to woven meta-aramid natural fabrics. For the blended natural fabric of meta-aramid fiber and other flame retardant fiber, please refer to carried out.

Note: Meta-aramid fiber is the abbreviation of polymetaphenylene isophthalamide fiber.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 406-2018 Cotton Natural Color Cloth GB/T 3917.3 Textile fabric tearing performance Part 3: Determination of the tearing strength of trapezoidal specimens GB/T 3923.1 Tensile properties of textile fabrics Part 1: Determination of breaking strength and breaking elongation (strip method) GB/T 4666 Textile Fabric Length and Width Determination GB/T 4668 Determination of the density of woven fabrics GB/T 4669-2008 Determination of mass per unit length and mass per unit area of textile woven fabrics GB/T 5455 Textile Burning Performance. Determination of Damage Length, Smoldering and Continued Burning Time in the Vertical Direction GB/T 8170 Numerical rounding rules and the expression and determination of limit values GB/T 17759 Inspection method for fabric surface defects of natural color cloth FZ/T 10004 Cotton and chemical fiber pure spinning, blended natural color cloth inspection rules FZ/T 10009 Cotton and chemical fiber pure spinning, blended natural color cloth logo and packaging

3 Classification and identification

3.1

The product varieties and specifications classification of meta-aramid natural fabrics are formulated by the production unit in accordance with Appendix A according to user needs.

3.2

The product identification of meta-aramid natural color cloth should include. warp yarn

material code, warp yarn density (tex)/weft yarn material code, weft yarn density (tex), warp density (root/10cm)/weft density (root/10cm), width (cm), fabric structure.

Example.

FL131319.6x2/FL131319.6240/230152cm plain weave FL131319.6x2---Meta-aramid yarn warp yarn density 19.6texx2, FL131319.6---Meta-aramid yarn, weft yarn density 19.6tex, warp density 240 pieces/10cm, weft density 230 pieces/10cm, width 152cm, plain weave.

4.1 Project

The requirements of meta-aramid natural color cloth are divided into two aspects. internal quality and appearance quality. Intrinsic quality includes fabric weave, width deviation rate,