

JB

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

JB/T 11261-2012

**Filter media for bag filters for flue gas treatment of coal-fired
power plant boilers**

燃煤电厂锅炉尾气治理 袋式除尘器用滤料

(English Translation)

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1 Scope

This standard specifies the terms and definitions, applicable conditions, technical requirements, inspection methods, inspection rules, packaging, marking, storage and

transportation of fabrics for bag filter of tail gas treatment in coal-fired power plant boiler (hereinafter referred to as fabrics / filter materials).

This standard is applicable to fabric for bag filter of tail gas treatment in coal-fired power plant boiler.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition (including any amendments) applies.

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

GB/T 3923.1 Textiles - Tensile properties of fabrics - Part 1: Determination of maximum force and elongation at maximum force using the strip method

GB/T 4745 Textile fabrics - Determination of resistance to surface wetting - Spray test

GB/T 5453 Textiles - Determination of the permeability of fabrics to air

GB/T 6719 Specifications for bag house

GB/T 7742.1 Textiles - Bursting properties of fabrics - Part 1: Hydraulic method for determination of bursting strength and bursting distension

GB/T 19977 Textile - Oil repellency - Hydrocarbon resistance test

GB/T 22042 Clothing - Electrostatic properties - Test method for measurement of surface resistivity

FZ/T 60004 Determination of thickness of nonwoven fabrics

HJ/T 326 Specifications for environmental protection product - Membrane complex fabric for bag house

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 blended filter material

composite filter material/fabric made of two or more kinds of fibers

3.2 polyphenylene sulfide filter materials

general name for a class of filter materials / fabric made by nonwoven process with polyphenylene sulfide staple fiber as the main component, with appropriate proportion of

other staple fibers (except polytetrafluoroethylene fiber) as additive, such as polyimide staple fiber (accounting for a proportion of 0% to 50%, mass fraction), and polyphenylene sulfide-based cloth or polytetrafluoroethylene-based cloth as the structural skeleton

3.3 polytetrafluoroethylene filter materials

general name for a class of filter materials / fabrics made through nonwoven process with polytetrafluoroethylene staple fiber as the main component, adding other staple fibers in an appropriate proportion, such as polyimide and polyphenylene sulfide (adding ratio is 0% to 50%, mass fraction), and taking polytetrafluoroethylene base cloth as the structural skeleton

4.1 Fabric classification

Fabrics are classified into polyphenylene sulfide filter materials and polytetrafluoroethylene filter materials.

4.2.1

Codes of various fibers for fabrics are shown in Table 1.

Table 1 Codes of various fibers