

JB

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

JB/T 3889-2006

Replacing JB/T 3889-1994

Coated abrasives - Abrasive cloth

涂附磨具 砂布

(English Translation)

Issued on: November 27, 2006

Implemented on: June 1, 2007

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

Table of Contents

Foreword	i
1 Scope	
2 Normative references	
3 Terms	
4 Product classification	
4.1 Classified by shape	
4.2 Classified by adhesion agents	
4.3 Classified by base material	
4.4 Classified by abrasives	
4.5 Marking example	
5 Requirements	
5.1 Abrasive particle size and distribution	
5.2 Dimension and limit deviation	
5.3 Tensile strength and elongation	
5.4 Appearance quality	
6 Test methods	
6.1 Determination of particle size distribution of abrasives	
6.2 Dimensional inspection	
6.3 Tensile strength and elongation inspection	
6.4 Appearance quality inspection	
7 Inspection rules	
7.1 Inspection items	
7.2 Sampling	
7.3 Determination of inspection lot	
7.4 Inspection rules for plain sheets	
7.5 Inspection rules for abrasive cloth rolls	
8 Marking, packaging and storage	
8.1 Marking	
8.2 Packaging	
8.3 Transport	
8.4 Storage	
Table 1 Classified by shape and symbols	

Table 2 Classified by adhesion agents and symbols

Table 3 Classified by base material and symbols

Table 4 Tensile strength and elongation of abrasive cloth rolls

Table 5 Classification of rejected plain sheets

Table 6 Classification of rejected abrasive cloth rolls

1 Scope

This standard specifies the classification, requirements, test methods, inspection rules as well as marking, packaging, transport and storage of abrasive cloth.

This standard is applicable to coated abrasives made by bonding artificial abrasives such as corundum and silicon carbide to the surface of the cloth base with adhesion agents such as gelatine glue and synthetic resin.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this standard. For dated references, subsequent amendments (excluding corrections), or revisions, of any of these publications do not apply to this standard. However parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies.

GB/T 2476 Conventional abrasive - Symbols

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 2828.1-2003, ISO 2859-1:1999, IDT)

GB/T 9258.1 Coated abrasives - Grain size analysis - Part 1: Grain size distribution test (GB/T 9258.1-2000, idt ISO 6344-1:1998)

GB/T 9258.2 Coated abrasives - Grain size analysis - Part 2: Determination of grain size distribution of macrogrits P12 to P220 (GB/T 9258.2-2000, idt ISO 6346-2:1998)

GB/T 9258.3 Coated abrasives - Grain size analysis - Part 3: Determination of grain size distribution of microgrits P240 to P2 500 (GB/T 9258.3-2000, idt ISO 6344-3:1998)

GB/T 15305.1 Coated abrasives - Plain sheets (GB/T 15305.1-2005, ISO 21948:2001, MOD)

GB/T 15305.2 Coated abrasives - Abrasive rolls - Dimensions and tolerance

JB/T 7424 Coated abrasives - Determination of tensile strength and extensibility

3 Terms

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