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

GB/T 3903.27-2008

**Footwear -- Test methods for stiffeners and toe puffs --
Mechanical characteristics**

鞋类 主跟和包头试验方法 机械性能

(English Translation)

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Foreword

This Part of GB/T 3903 identically adopts the International Standard ISO 20864.2004 "Footwear - Test methods for stiffeners and toepuffs - Mechanical characteristics" (English version).

For easy use, this Part has the following editorial modifications.

- a) DELETE the foreword of the International Standard;
- b) DELETE the table of content of the International Standard;
- c) USE the decimal point "." to replace the comma "," used as the decimal point;
- d) for the EU standards referenced in ISO 20864.2004, this Part directly reference the corresponding national standards;
- e) DELETE the annex of the International Standard.

This Part was proposed by China Light Industry Council.

This Part shall be under the jurisdiction of National Technical Committee on Footwear of Standardization Administration of China.

Drafting organizations of this Part. China Leather and Footwear Industry Research Institute, Qingdao Hengda Group Co., Ltd.

Main drafters of this Part. Yan Hongwei, Li Guifen, Zhang Weijuan, Wang Jiwan and

Shan Yuping.

Footwear - Test methods for stiffeners and toepuffs -

Mechanical characteristics

1 Scope

This Part of GB/T 3903 specifies three methods for determining the shape retention properties and compression strength of a domed test specimen.

This Part is applicable to footwear toepuff and stiffener, these methods are the following.

- Method 1. Applicable to heat activated materials;
- Method 2. Applicable to solvent activated materials;
- Method 3. Applicable to non-thermoplastic fibreboard.

NOTE: Although it is usual to determine both the shape retention properties and the compression strength of a domed test specimen, either can be determined alone by carrying out the procedures relating to the respective property.

2 Normative references

The provisions in following documents become the provisions of this Part through reference in this Part of GB/T 3903. For dated references, the subsequent amendments (excluding corrigendum) or revisions do not apply to this Part, however, parties who reach an agreement based on this Part 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 16825.1-2008 Metafile materials - Verification of static uniaxial testing machines - Part 1. Tension/compression testing machines - Verification and calibration of the force-measuring system (ISO 7500-1 2004, IDT)

GB/T 22049 Footwear - Standard atmospheres for conditioning and testing of footwear and components for footwear (GB/T 22049-2008, ISO 18454.2001, IDT)

3 Terms and definitions

For the purposes of this Part of GB/T 3903, the following terms and definitions apply.

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