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

GB/T 23169-2019

Replacing GB/T 23169-2008

Hair products - Training mannequins

发制品 教习头

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 23169-2008 "Facilities for Hair Products". Compared with GB/T 23169-2008, the main technical changes of this standard are as follows:

- Revised scope (see Chapter 1, Chapter 1 of the.2008 edition);
- Modified and added normative references (see Chapter 2, Chapter 2 of the.2008 edition);
- Revised the representation of technical indicators (see 4.2, 4.2 of the.2008 edition);
- Revised the single root fracture strength indicator (see 4.2.1,.2008 version 4.2.4);
- Revised the expression method of the hair content index (see 4.2.1,.2008 version 4.2.8);
- Removed the internal brushing index of the scalp (see 4.2.7 of the.2008 edition);
- Removed the human hair content deviation rate indicator (see.2008 version of 4.2.8);
- Revised the hair density clause (see 4.2.2,.2008 version 4.2.9);
- Modified safety and health indicators (see 4.3, 4.3 edition of.2008);
- Revised the formula of mass deviation rate (see 5.2.2,

1 Scope

China's national product standard for training mannequin heads. It specifies the terms and definitions, the requirements, the test methods, the inspection rules and the labelling,

packaging, transport and storage, and it applies to mannequin heads used for hairdressing training. A training head is the tool every hairdresser learns on, and it is a real product with a specification because a bad one teaches the wrong thing. The hair has to behave like hair under the operations a student is learning: it must cut cleanly and hold a line, take a perm and a colour and respond to them as hair does, survive repeated washing and blow-drying, and comb without matting after all of that. A head whose hair mats after the second wash cannot be used to practise cutting, and one whose fibre does not take colour cannot be used to teach colouring at all - which is why the material is specified rather than left to the maker, and why heads are made in human hair, in synthetic fibre and in blends for different parts of the syllabus. The head itself has requirements of its own: the density and distribution of the implanted hair, which has to approximate a real head or the student learns wrong section weights; the implantation strength, since hair that pulls out under a comb is useless; the shape and proportions; the hardness of the base, which has to take a pin and hold it; and the mounting for a clamp. The safety and chemical requirements apply because the head is handled continuously and treated with the same chemicals a client would be. Issued and in force since 18 October 2019, it replaces GB/T 23169-2008.

This standard specifies the terms and definitions, requirements, test methods, inspection rules and labeling, packaging, transportation and storage of hair products. This standard applies to hair products training.

2 Normative references

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

GB/T 2910 (all parts) Quantitative chemical analysis of textiles

GB/T 2912.1 Determination of formaldehyde - Part 1 . Free and hydrolyzed formaldehyde (water extraction method) Textiles -- Determination of formaldehyde -- Part 3 . High performance liquid chromatography

GB/T 3920 Textile color fastness test color fastness to rubbing

GB/T 6529 Standard atmosphere for textile conditioning and testing

GB/T 7573 Determination of pH of textile water extracts

GB/T 9995 Determination of moisture content and moisture regain of textile materials

GB/T 13835.5 Test methods for rabbit fibres - Part 5

GB/T 17592 Determination of banned azo dyes for textiles

GB/T 23166 hair product terminology

GB/T 23344 Textiles - Determination of 4-aminoazobenzene FZ/T 01057 (all parts) Textile fiber identification test method

3 Terms and definitions

The terms and definitions defined in GB/T 23166 apply to this document.

4.1 Sensory requirements

4.1.1 The head should be clean and free of foreign objects or deformation.

4.1.2 Color hair should be soft, smooth and consistent in color.

4.1.3 The color and thickness of the rubber scalp should be uniform and there should be no air bubbles.

4.1.4 Facial makeup should be natural and beautiful, and the facial features should be correct. There should be no makeup removal.

4.1.5 The brush should be smooth and smooth, and the trimming should be smooth.

4.1.6 The direction of hair transplant and the angle of hair transplant should be simulated naturally.

4.2 Technical Specifications

4.2.1 Technical indicators are shown in Table 1.