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CCS G55



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

**GB/T 10663-2014**

Replacing GB/T 10663-2003

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**Disperse dyes-Determination of migration property-High  
temperature dyeing process**

分散染料 移染性的测定 高温染色法

**Issued on: July 8, 2014**

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Quarantine of the People's Republic of China;  
Standardization Administration of China**

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### Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 10663-2003 "disperse dye migration determination," this standard and GB/T 10663-2003, compared The main technical changes are as follows:

- Modify the standard name (see standard name, the 2003 edition of the standard name);
- Remove the terminology and definitions dye migration definitions (see 2003 version 3.1);
- The visual method to modify the color difference method, modify the representation structure (see 731, 2003 version 7.3.1.);
- Increased colorimeter rating methodology (see 7.3.1.2);
- Deleted the reference (see the 2003 edition of the reference). The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee Dye (SAC/TC134) centralized. This standard was drafted. Zhejiang Longsheng Group Co., Ltd., Shenyang Chemical Research Institute Co., Ltd., the State Quality Supervision, Inspection dye center. The main drafters of this standard. Ruanwei Xiang, Dong Zhongsheng, high-Huai, Wang Yong, Lv Jianjun. This standard replaces the standards previously issued as follows:
  - GB/T 10663-1989, GB/T 10663-2003. Determination of dye disperse shift High temperature dyeing method

### 1 Scope

GB/T 10663-2014 is the Chinese national standard on disperse dyes-determination of migration property-high temperature dyeing process, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 8 July 2014 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's

Republic of China; Standardization Administration of China, and has been in force since 1 December 2014. Classification: ICS 71.100.01, CCS G55. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the disperse dyes in the dyeing of polyester fiber transfer dyeing temperature measurement method. This standard applies to the determination of disperse dye on polyester fiber dyeing temperature shift.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 250-2008 textile color fastness test assessing change in color like the gray card General conditions

GB/T 2374-2007 Determination of dyes provisions Determination of

GB/T 2394-2006 disperse shade and intensity

GB/T 4841.1-2006 standard depth dyeing color card 1/

## 3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Transfer dyeing degree level of migration Dye expressed numerically transfer dyeing, fabric colors for the color depth value after the color depth value after the shift of white fabric dyeing and dye transfer percentage. Principle 4 1/1 standard depth dyeing dyed dyed sample, and then take the primary color pure polyester fabric and white fabric each 1g, in a blank bath dye transfer. Move dye After shifting colors and fabrics dyed white with gray fabric sample card rating, or shift colors dyed cloth and shift dyed white woven measured by color measurement instrument After the color level thereof or the total color difference DE, or color depth color measurement values measured after the primary transfer dyeing cloth and white fabrics, calculated to determine the degree of dye transfer Given disperse dye migration performance.

## 5 Reagents and materials

The reagents used shall comply with GB/T 2374-2007 in Chapter 3.

## **6 Instruments and equipment**

The equipment shall comply with GB/T 2374-2007 in Chapter 4.

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