

ICS 87.060.10

CCS G55



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

GB/T 21880-2015

Replacing GB/T 21880-2008

Acid dyes - Determination of migration properties

酸性染料 移染性的测定

Issued on: May 15, 2015

Implemented on: December 1, 2015

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Method summary

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 21880-2008 "acid dye transfer dyeing Determination", compared with the GB/T 21880-2008, in addition to editing Modifications outside the main technical changes are as follows:

- Increased nouns and dye transfer of terminology (see 3.2).
- Increasing the reagents and materials section (see Chapter 5);
- The visual method to modify the color difference method, modify the representation structure (see 731, 2008 Edition 6.3.1.);
- Increased colorimeter rating method (see 7.3.1.2);
- Modify the contents of the test report (see Chapter 8, Chapter 7, 2008 edition). 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. Shangyu Sheng Chemical Industrial Co., dye State Quality Supervision and Inspection Center, Shenyang Chemical Research Institute Co. the company. The main drafters of this standard. Euro which, Ma Junqing, Lv Jianjun, Kiran Qin, Chen Jianping. This standard replaces the standards previously issued as follows:
- GB/T 21880-2008. Determination of dyeing acid dyes shift

1 Scope

GB/T 21880-2015 is the Chinese national standard on acid dyes - determination of migration properties, in the field of paint and colour industries. 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 15 May 2015 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 2015.

Classification: ICS 87.060.10, 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 acid dye transfer dyeing method of measuring. This standard applies to acid dyes, acid complex dyes, neutral dye migration properties measured.

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 Determination of

GB/T 1866-2012 neutral dyeing shade and relative strength General conditions

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

GB/T 2378-2012 acid dyes shade and intensity Determination of

GB/T 2379-2013 acid complex dyes shade and intensity

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

GB/T 4841.2-2006 standard depth dyeing dark blue and black color cards

GB/T 4841.3-2006 standard depth dyeing color cards 2/1,1/3,1/6,1/12,1/

25 Determination of

GB/T 6688-2008 relative dye strength and color of the instrumental method

GB/T 8170-2008 revised value represents about rules and limit values \u200b\u200band judgment FZ/T 01024-1993 discoloration degree of sample instrument rating methodology

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Transfer dyeing migrationproperty Dyeing process, the dye on the fiber after dye transfer from a high concentration to low concentration of the position location capability. Good dye migration properties Leveling material readily available. [GB/T 6687-2006, the definition 6.9]

3.2 Transfer dyeing degree levelofmigration Dye expressed numerically transfer dyeing for color depth value after the shift of white fabric dyeing and percentage of primary color depth value after the shift dyed cloth.

4 Method summary

1/1 standard depth dyeing dyed dyed sample, and then take the dyed fabric and unstained white fabric with various kinds of 2g, in a blank bath of Dye transfer. The primary shift dyed fabric and shift dyed gray white fabric sample card rating, or color measurement measured shift dyed fabric colors And shift dyed white fabric discoloration level or total color difference DE, or color depth color measurement values \u200b\u200bmeasured after the primary transfer dyeing cloth with white fabrics