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

GB/T 21867.1-2008

**Pigments and extenders -- Methods of assessment of
dispersion characteristics -- Part 1: Assessment from the
change in tinting strength of coloured pigments**

颜料和体质颜料 分散性的评定方法 第1部分:由着色颜料的着色力变化进行评定

(English Translation)

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Table of Contents

Foreword

1 Scope

2 Normative references

3 Definitions

Foreword

This section identical with the international standard ISO 8781-1:1990 "--- pigments and dispersion evaluation method Part 1 ---Score. Changes the tinting strength of colored pigments to be assessed "(in English).

This section is one of the GB/T 21867 "Evaluation Method pigments and dispersion of" national standards, the Department listed below Column structure and the corresponding national standards with international standards.

--- Part 1. Changes the tinting strength of colored pigments to be assessed (ISO 8781-1:1990);

--- Part 2. change the fineness of grind to be assessed (ISO 8781-2:1990);

--- Part 3. Evaluation of changes in the gloss (ISO 8781-3:1990).

This section GB/T Part of 121,867.

Are listed below in this section is closely related to the GB/T 21868 "Pigments and extenders dispersion for assessment of dispersion method used" series National standards for structure and corresponding international standards.

--- Part 1. General (ISO 8780-1:1990);

--- Part 2. oscillation mill dispersion (ISO 8780-2:1990);

--- Part 3. dispersion using a high speed mixer (ISO 8780-3:1990);

--- Part 4. sand dispersion (ISO 8780-4:1990);

--- Part 5. automatic flat mill dispersion (ISO 8780-5:1990);

--- Part 6. (1990 ISO 8780-6) dispersed with a three-roll mill.

This section of Appendix A normative appendix.

This part is proposed by the China Petroleum and Chemical Industry Association.

This part of the National Standardization Technical Committee and is under the jurisdiction

of paints and pigments.

This section is drafted. in the construction of Changzhou coating Chemical Research Institute, Kunshan City Shiming Technology Development Co., Ltd.

1 Scope

This section provides the colored force to assess the evaluation method of coloring pigment dispersion. This section should be GB/T 21868.1-2008 read together.

This method is generally applicable to compare similar pigments, pigment such as test and compare the agreed reference pigment.

2 Normative references

The following documents contain provisions which, through reference GB/T 21867 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 1706-2006 titanium dioxide pigment (ISO 591-1:2000, Titaniumdioxidepigmentsforpaints-Part 1. Specificationsandmethodsof test, MOD) GB/T 6151-1997 Textiles Tests for color fastness test General (eqv ISO 105-A01.1994, Textiles-Tests forcolourfastness-PartA01. Generalprinciplesoftesting) GB/T 13451.2-1992 relative tinting strength of colored pigments and relative scattering power of white pigments - Photometric methods (eqv ISO 787-24. 1985) GB/T 21868.1-2008 Methods for dispersing pigments and extenders assessment of dispersion characteristics with 1. General (ISO 8780-1.

1990, IDT)

GB/T 21868.2-2008 dispersion method of pigments and extenders used in assessment of dispersion characteristics - Part 2. oscillation mill dispersion (ISO 8780-2:1990, IDT) GB/T 21868.3-2008 Pigments and extenders assessment of dispersion characteristics by dispersing methods - Part 3. High-speed mixer points Powder (ISO 8780-3:1990, IDT) GB/T 21868.4-2008 dispersion method of pigments and extenders used in assessment of dispersion characteristics - Part 4. Sand Milling (ISO 8780-4:1990, IDT) GB/T 21868.5-2008 Methods for dispersing pigments and extenders assessment of dispersion characteristics with 5. automatic flat grinding points Powder (ISO 8780-5:1990, IDT) GB/T 21868.6-2008 Pigments and extenders assessment of dispersion characteristics of the dispersion methods - Part 6. a three-roll mill dispersion (ISO 8780-6:1990, IDT)

3 Definitions

GB/T 21868.1-2008 and established the following terms and definitions apply to this part of the GB/T 21867 of.

In the coloring pigment binder system dispersion.

GB/T 21867.1-2008/ISO 8781-1:1990