

ICS 87.040

CCS G50



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

**GB/T 1770-2008**

Replacing GB/T 1770-1979

**Rubbing test of coatings and putty films**

涂膜、腻子膜打磨性测定法

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Standardization Administration of China**

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### Foreword

This standard replaces GB/T 1770-1979 "primer, putty sanding membrane assays." The previous version of Standard GB/T 1770-1979 main technical differences are as follows:

- This standard expands the scope of the extended primer coating, and the standard name to "film, film sanding putty assays";
- The standard instrument parameters specified in more detail;
- The standard procedure is described in detail;
- This standard adds the results of evaluation of content. The standard proposed by China Petroleum and Chemical Industry Association. This standard by the National Standardization Technical Committee paint pigment. This standard was drafted. in the construction of Changzhou coating Chemical Research Institute. The main drafters of this standard. Zhengguo Juan. This standard was first published in 1979, this is the first revision. Coating, film sanding putty assays

### 1 Scope

GB/T 1770-2008 is the Chinese national standard on rubbing test of coatings and putty films, 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 14 May 2008 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 October 2008. Classification: ICS 87.040, CCS G50. 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 coating, putty film at a predetermined load, the predetermined number of times after sanding to change phenomenon coating surface and polished The degree of difficulty to assess its resistance to empirical test methods for grinding

performance. This standard applies to coating, film sanding putty Determination.

## 2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 3186 Paints, varnishes and raw materials for paints and varnishes - Sampling ( GB/T 3186-2006, ISO 15528.2000, IDT)

GB/T 9271 Paints and varnishes - Standard panels for ( GB/T 9271-1988, eqv ISO 1514. 1984)

GB/T 9278 paint sample conditioning and testing temperature and humidity ( GB/T 9278-2008,

ISO 3270. 1984, Paintsand  
varnishessandtheirrawmaterials-Temperaturesandhumiditiesforconditioningandtesting, IDT)

GB/T 13452.2 Paints and varnishes - Determination of film thickness ( GB/T 13452.2-2008, ISO 2808.2007, IDT)

GB/T 20777 Paints and varnishes examination and preparation of samples ( GB/T 20777-2006, ISO 1513.1992, IDT)

## 3 Instruments and Materials

3.1 meter, suitable for grinding of the detector shown in Figure 1. The main instrument parameters. Friction speed. 0 ~ 135 times/min (one way); Friction stroke. 155mm ± 5mm (one way); Set number range. 0 to 9999 (two-way counting); Polished Head load. 570g ± 20g; Additional load weight. 50g, 100g, 200g.

3.2 Water sandpaper or emery cloth, its specifications is product standard or agreed upon.