

ICS 87.040
CCS G 50



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

GB/T 30789.2-2014

**Paints and varnishes -- Evaluation of degradation of coatings --
Designation of quantity and size of defects, and of intensity of uniform
changes in appearance -- Part 2: Assessment of degree of blistering**

色漆和清漆 涂层老化的评价 缺陷的数量和大小以及外观均匀变化程度的标识：
第2部分：起泡等级的评定

(English Translation)

Issued on: July 8, 2014

Implemented on: December 1, 2014

Issued by: Standardization Administration of China

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Foreword

GB/T 30789 "Paints and varnish coating aging rating number and size of the defect and the identity of the extent of uniform changes in appearance." Divided into the following nine sections.

- Part 1. General and identification systems;
- Part 2. Evaluation of blistering levels;
- Part 3. Evaluation of rust grade;
- Part 4. Evaluation cracking grade;
- Part 5. Evaluation of flaking grade;
- Part 6. Assessment of degree of chalking tape method;
- Part 7. Method for Evaluation of velvet cloth chalking rating;
- Part 8. scribe or other artificial defect assessment and corrosion peeling peripheral level;
- Part 9. Evaluation of filiform corrosion level.

This section GB/T Part of 230,789.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with ISO 4628-2:2003 "number and size of paints and varnishes Evaluation of degradation of coatings defects and the second part identifies the degree of change of uniform appearance. gassing assessment. " this part is proposed by the China Petroleum and Chemical Industry Association.

This part of the National Standardization Technical Committee and the pigment coating (SAC/TC5) centralized.

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1 Scope

GB/T 30789 in this section is given by comparison with a standard image evaluation gassing method.

Standard image This section gives a description of each of bubble size and bubble size 2,3,4,5 blistering case number (density) 2,3,4,5.

ISO 4628-1 defines the number and size of defects on the coating due to aging and the changes in the appearance of uniformity assessment systems, and almost General said the assessment system. The assessment system is suitable for natural and artificial accelerated aging caused by exposure defects and uniform changes such as color change of, for example. yellowing.

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.

The number and size of the ISO 4628-1 Paints and varnishes - Evaluation of degradation of coatings defects and uniformity of appearance change logo Part 1. General and identification system (Paintsandvarnishes-Evaluationofdegradationofcoatings-Designation ofquantityandsizeofdefects, andofintensityofuniformchangesinappearance-Part 1. Generalin-troductionanddesignationsystem)

3 Terms and Definitions

The following terms and definitions apply to this document.

Gassing degreeofblistering Blistering of the coating by the number (density) and the size of the assessment.

4 Evaluation

According to FIGS. 1 to 4 to assess the number and size of the coating blisters.

When the bubble size is inconsistent inspection area to check the area representative to represent the size of the bubble.

Be assessed in the light of adequate conditions.

If you are using an optical imaging system assessment, required in Appendix A picture calibration.

5 Represents the result

According to FIGS. 1 to 4 was evaluated by the number of foaming (density) and size hierarchy. The results have shown that the area about the size of the bubble, Check or percentage of total area accounted for.