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

GB/T 1630-1989

Replacing GB/T 1630-1989

**Plastics -- Epoxy resins -- Part 1: Designation
(English Translation)**

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Naming
- 4 Epoxy naming

Foreword

GB/T 1630 "plastic epoxy resin" is divided into two parts.

--- Part 1. Designation;

--- Part 2. Preparation and properties of the specimen was measured.

This section GB/T 1630 Part 1, identical with ISO 3673-1:1996 "Plastics Epoxy --- Part 1. Named "(in English).

This section is equivalent translation ISO 3673-1:1996, identical in technical content.

For ease of use, this section made the following editorial changes.

--- The "ISO 3673:1996 this part" to "GB/T 1630 this part" or "this part";

--- Remove the ISO 3673-1:1996 Foreword;

--- Increased our standard preface this section;

--- Use of decimal symbol instead of the international standard decimal symbol ",". ",";

--- For ISO 3673-1:1996 and other international standards referenced in our country is equivalent to using the standard, this section with a quote me these national standards for the country instead of the corresponding international standards, and the rest not tantamount to the adoption of a standard for the international standards in this section it was in direct reference.

This Part replaces GB/T 1630-1989 "epoxy name." this section compared with GB/T 1630-1989 The main changes are as follows.

--- Change the standard name, increasing the foreword;

--- Part reference standards vary.

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

This part of the National Plastics Standardization Technical Committee (SAC/TC15) centralized.

This section is responsible for drafting. National Quality Supervision and Inspection Center of synthetic resin.

Participated in the drafting of this section. Bluestar New Chemical Materials Co., Ltd. Wuxi Resin Factory, Anhui Hengyuan Chemical Co., Ltd.

1 Scope

GB/T 1630 provisions of this part epoxy naming method.

The nomenclature assigned to a group of characters for each product name, and the code given in the form of product information. Chemical composition, the main performance Approximation and modifiers, solvents, additives.

Therefore, having the same characteristics and have the same purpose products will be given the same name. This will help users of their products at factory Name the data table selected products.

2 Normative references

The following documents contain provisions which, through reference to GB/T 1630 to the present, 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 /1033.1-2008 plastic foam density non-Determination T - Part 1. Immersion method, liquid pycnometer method and titration Method (ISO 1183-1:2004, IDT) GB/T 15223-2008 liquid plastic resin density was measured using a pycnometer method (ISO 1675. 1985, IDT) GB/T 21059-2007 plastic liquid state or as emulsions or dispersions of polymer/resin using a rotary viscometer with defined shear rate Rate lower viscosity measurement (ISO 3219:1993, IDT) Determination of plastic --- 1999 --- epoxy equivalent of the epoxy compound. ISO 3001

3 Naming

Epoxy should be a method name, using the abbreviation code "EP" represents an epoxy compound, followed by five digits (equivalent to the main performance) Character set, a space, followed by three digits (equivalent to minor performance) group of characters.

--- In addition to the two digits corresponding to the one led by properties, each digit corresponding to certain characteristics listed in Table 1.

--- The position of each character in the group number (I, II, III and IV, etc.) represents the performance of the position referred to.

--- Each digital representation of the performance of a range of values should be a performance class (1,2,3, etc.), as shown in Table 1.

Note 1: In fact, not all of the performance ranking combination can be achieved, except occasionally, we must also note the naming of a material not necessarily correspond with the rampage.

Note 2: The location should be considered in the naming category III, IV and VI value of each performance in which the values listed in the data table is the average obtained from the production.

Due to changes in production conditions, determine the category of the product due to changes in a change in behavior of the system, in some cases.

--- If the average value of a property close to the lower limit of the named category, should be adjusted to a lower category;

--- If the average value of a property close to the upper limit of the higher category name, then adjust it to a higher category.

4 Epoxy naming

By naming Chapter 3, wherein the epoxy resin by a group of five numeric characters Group subsequently received a set of three-digit character set to name, a space between the two groups of characters.

The first group of five numbers indicate the main performance, 3 digits secondary performance.

If one kind of performance (usually labeled a digital level specified) unspecified, then the lowercase "x" is inserted in the appropriate name position.

GB/T 1630.1-2008/ISO 3673-1:1996