

ICS 83.080.01

CCS G 32



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

GB/T 3403.1-2008

Replacing GB/T 3403-1982

**Plastics -- Urea-formaldehyde and urea/melamine-formaldehyde
powder moulding compounds (UF-and UF/MF-PMCs) -- Part 1:
Designation system and basis for specifications**

塑料 粉状脲-甲醛和脲/三聚氰胺-甲醛模塑料 (UF-和UF/MF-PMCs) 第1部分:
命名系统和分类基础

(English Translation)

Issued on: August 4, 2008

Implemented on: April 1, 2009

Issued by: Standardization Administration of China

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Foreword

GB/T 3403 "Plastic powdered urea - formaldehyde and urea/melamine - formaldehyde molding compounds (UF- and UF/MF-PMCs)" is divided into three parts.

- Part 1. Designation system and basis;
- Part 2. Sample preparation and performance measurement;
- Part 3. Choose plastic molding requirements.

This section GB/T 3403 Part 1, identical with ISO 14527-1:1999 "Plastics --- powdered urea - formaldehyde and urea/trimer Melamine - formaldehyde molding compounds (UF- and UF/MF-PMCs) --- Part 1. Designation system and basis "(in English).

This part of ISO 14527-1:1999 The main differences are as follows.

- Chapter 2, the words "Normative references" adds Normative term;
- References to standards with ISO standards corresponding to our standards.

This Part replaces GB/T 3403-1982 "aminoplast name." this part of GB/T 3403-1982 The main differences are as follows.

- Standard name changed to "plastic powdered urea - formaldehyde and urea/melamine - formaldehyde molding compounds (UF- and UF/MF-PMCs) 1 Part I. Designation system and basis ";
- Added "Normative References" chapter;
- Deleted the melamine - formaldehyde content.

This section presents the Petroleum and Chemical Industry Association.

This part of the National Standardization Technical Committee of plastic products and plastic resins General Methods Chapter (SAC/TC15/SC4) centralized.

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

Participated in the drafting of this section. Shaxian Hongsheng Plastic Co., Ltd. Changshu Southeast plastic.

Drafters of this section. Bo Yun Ling, Wang Jiandong, Chen Yingui, Wei Wei.

This part of the standard replaces the previous editions are.

--- GB/T 3403-1982.

GB/T 3403.1-2008/ISO 14527-1:1999 Plastic powdered urea - formaldehyde and urea/melamine - formaldehyde Molding compounds (UF- and UF/MF-PMC Ju) Part 1.

Designation system and basis

1 Scope

1.1

GB/T 3403 provisions of this part of the powdered urea - formaldehyde and urea/melamine - formaldehyde molding compounds (UF- and UF/MF-PMCs) life Character set of system names.

1.2

Various types of UF- and UF/MF-PM depending on the type and amount of filler/reinforcing material, a predetermined processing methods, special performance and special Do not named for the characteristic properties (specified performance) information, according to different classification.

1.3

section applies to all powdery, granular or pulverized materials UF- and UF/MF-PMCs.

1.4

the material has the same name does not necessarily have the same performance. This section does not provide engineering data, performance data, or may need special Given material for a particular application and/or method of processing. If you need these additional properties should be the standard test specified in Part 2 Test method for the measurement.

1.5

When you need to express conform ISO 14527-3. a general-purpose data requirements listed in 1999, also need to use the character set of system.

2 Normative references

The following documents contain provisions which, through GB/T reference in this 3403 constitute provisions of this section. For dated references Documents, all subsequent amendments (not including errata content) or revisions do not apply to this section,

however, encouraged to reach under this section Research into whether the parties to the agreement to use the latest versions of these documents. For undated reference documents, the most recent version applies to this section.

GB /1043.1-2008 plastic Charpy impact properties measured T Part 1. Non-instrumented impact test (ISO 179-1.

1993, IDT)

Determination of GB/T 1634.2-2004 Plastics deflection temperature under load - Part 2. Plastics and ebonite (ISO 75-2:1993, IDT) GB/T 1844.1-2008 Plastics - Symbols and abbreviated terms - Part 1. Basic polymers and their special characteristics (ISO 1043-1.

1997, IDT)

GB/T 1844.2-2008 Plastics - Symbols and abbreviations - Part 2. Fillers and reinforcing materials (ISO 1043-2:2000, IDT) GB/T 2035-2008 Plastics terms and definitions (ISO 472:1999, IDT) ISO 2112:1990 plastics molding plastics --- amino specification ISO 14527-2:1999 Plastics --- powdered urea - formaldehyde and urea/melamine - formaldehyde molding compounds (UF- and UF/MF -) --- 2 Part I. Preparation of sample and determination of properties ISO 14527-3:1999 Plastics --- powdered urea - formaldehyde and urea/melamine - formaldehyde molding compounds (UF- and UF/MF-PMCs) ---Part 3. Choose plastic molding requirements

3 Terms and Definitions

GB/T 2035-2008, ISO 14527-2:1999, and established the following terms and definitions apply GB/T 3403 this part.

By processing machinery feed system can flow freely, but the molding powder, granular or powdered material. For sheets are not usually considered GB/T 3403.1-2008/ISO 14527-1:1999