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

GB/T 13454.1-2013

**Plastics -- Melamine-formaldehyde powder moulding
compounds (MF-PMCs) -- Part 1: Designation system and basis
for specifications**

塑料 粉状三聚氰胺-甲醛模塑料 (MF-PMCs) 第1部分：命名系统和分类基础
(English Translation)

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Foreword

GB/T 13454 "plastic powdered melamine - formaldehyde molding compounds (MF-PMCs)" is divided into three parts.

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

This section GB/T Part of 113,454.

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

This section uses the translation method identical with ISO 14528-1:1999 "Plastics powdered melamine - formaldehyde molding compounds (MF-PMCs) Part 1. Designation system and basis. " Consistency correspondence between this part of international documents and normative references of our files are as follows.

- GB/T 13454.2-2013 plastic powdered melamine - formaldehyde molding compounds (MF-PMCs) - Part 2. Sample Preparation and determination of properties (ISO 14528-2:1999, MOD)
- GB/T 13454.3-2013 plastic powdered melamine - formaldehyde molding compounds (MF-PMCs) - Part 3. Selected molding Material requirements (ISO 14528-3:1999, MOD) this part of ISO 14528.1-1999 made editorial changes.
- Remove the ISO 14528.1-1999 1.6 content;
- Deleted the Chapter 2, "Normative references" in two footnotes.
- Remove the ISO 14528-1:1999 is not referenced in the ISO 800:1992 standards.

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

This part of the National Technical Committee of Standardization Technical Committee plastic thermosetting plastics (SAC/TC15/SC11) centralized.

This section is responsible for drafting unit. Fujian Shaxian Hongguang Chemical Co., Ltd., Changshu Southeast Plastic Co., Chenguang Chemical Research Design Institute Limited, Guangdongrongtai Industrial Co., Ltd., Shandong Billiton Bo Plastics Co., Ltd., the State Quality Supervision, Inspection synthetic resin Test center.

1 Scope

1.1

GB/T 13454 in the provisions of this part of the powdered melamine - formaldehyde molding compounds (MF-PMCs) system named character set.

1.2

various types of filling in accordance with MF-PMCs/reinforcing material name and content, predetermined processing methods, special properties and are particularly useful for name the performance characteristics (specified performance) information classification.

1.3

section applies to all powdery, granular or powdered material MF-PMCs.

1.4

material with the same name does not necessarily have the same performance, this section does not provide engineering data, performance data, or some special purpose and /or special molding method of molding conditions required data. If you need these additional properties should be ISO 14528-2:1999 tests prescribed the method of measurement.

1.5

When you need to express conform ISO 14528-3. a general-purpose data requirements listed in 1999, also need to use the character set of system.

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.

Determination of strength GB/T 1043.1-2008 Plastics Charpy impact - Part 1.
Non-instrumented impact test (ISO 179-1.

2000, IDT)

GB/T 1634.2-2004 Determination of plastic deflection temperature under load - Part 2.
Plastics, ebonite and long-fiber-reinforced composite materials Material (ISO 75-2:1993, IDT) GB/T 1844.1-2008 Plastics - Symbols and abbreviations - 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 14528-2:1999 Plastics powdered melamine - formaldehyde molding compounds (MF-PMCs) - Part 2. Preparation of test specimens Determination (Plastics-Melamine-formaldehyde powder moulding compounds (MF-PMCs) -Part 2.

Preparation of test specimens and determination of properties) ISO 14528-3:1999 Plastics powdered melamine - formaldehyde molding compounds (MF-PMCs) - Part 3. molding compound to be selected See (Plastics-Melamine-formaldehyde powder moulding compounds (MF-PMCs) -Part 3.

Requirements for selected moulding compounds)

3 Terms and Definitions

GB/T 2035-2008 and ISO 14528-2:1999 as defined in the following terms and definitions apply to this section.

Powder molding compounds powder moulding compound (PMC) Free flowing powder by mechanical machining feed system, granular or powdered plastic molding, also not normally considered to be powdered