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

GB/T 13454.2-2013

**Plastics -- Melamine-formaldehyde powder moulding
compounds (MF-PMCs) -- Part 2: Preparation of test specimens
and determination of properties**

**塑料 粉状三聚氰胺-甲醛模塑料 (MF-PMCs) 第2部分：试样制备和性能测定
(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 213,454.

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

This part redrafted Law Amendment uses ISO 14528-2:1999 "Plastics powdered melamine - formaldehyde molding compound (MF-PMCs) - Part 2. Sample preparation and performance testing. " 1999 following technical differences and their causes, the terms of these differences have been involved in the outside by page. This part of ISO 14528-2 Vertical singlet margin position (l) were marked.

--- On normative references, this part has been adjusted technical differences, in order to adapt our technical conditions, the adjusted situation Focus is reflected in the status of Chapter 2, "Normative references", the specific adjustments are as follows.

- Modify with international standards of GB/T 1636-2008 instead of ISO 14528-2:1999 references ISO 60. 1977 (See Table 2 1.1);

- equivalents adoption of international standards GB/T 1034-2008 instead of ISO 62:2008 (see Table 1, 5.1);

- equivalents adoption of international standards GB/T 1634.2-2004 instead of ISO 75-2:2003 (see Table 1, 3.1);

- Use equivalent to international standards of GB/T 5474-1985 instead of ISO 120. 1977 (see Table 2, 5.1);

- equivalents adoption of international standards GB/T 8324-2008 instead of ISO 171. 1980 (see Table 2, 1.2);

- equivalents adoption of international standards GB/T 9341-2008 instead of ISO 178:2001 (1993) (see Table 2, 2.6);
- equivalents adoption of international standards GB/T 1043.1-2008 instead of ISO 179-1:2000 (see Table 1, 2.8);
- equivalents adoption of international standards GB/T 2918 instead of ISO 291:1997 (see Chapter 5);
- equivalents adoption of international standards GB/T 5471 instead of ISO 295:2004 (see Table 1 1.1,2.1,2.11,3.3,4.9,5.2,5.3, Table 2 3.1,4.2,4.3 and 4.4);
- equivalents adoption of international standards GB/T 2035 instead of ISO 472:1999 (see Chapter 3);
- equivalents adoption of international standards GB/T 1040.1-2006 instead of ISO 527-1:1993 (see Table 1, 2.1);
- equivalents adoption of international standards GB/T 1040.2-2006 instead of ISO 527-2:1993 (see Table 1, 2.1);
- equivalents adoption of international standards GB/T 11546.1-2008 instead of ISO 899-1:2003 (see Table 1, 2.4);
- equivalents adoption of international standards GB/T 1033.1-2008 instead of ISO 1183:2004 (see Table 1, 5.3);
- equivalents adoption of international standards GB/T 3398.1-2008 instead of ISO 2039-1:2001 (see Table 2, 2.1);
- equivalents adoption of international standards GB/T 11997-2008 instead of ISO 3167:2002 (see Table 1 2.1,3.4,4.9,5.3, Table 2, 3.1,4.3 and 4.4);
- with reference to international standards of GB/T 13455-1992 instead of ISO 3671. 1976 (see Table 2, 5.2);
- equivalents adoption of international standards GB/T 2406.2-2009 instead of ISO 4589-2:1996 (see Table 1, 3.11);
- China has GB/T 5009.61-2003 testing methods, alternative ISO 14528-2:1999 is referenced in ISO 4614.1977 (see Table 2, 5.3);
- Modify with international standards of GB/T 19467.1 instead of ISO 10350-1:1998 (see Chapters 1 and 6);

- equivalents adoption of international standards GB/T 13454.1-2013 instead of ISO 14528-1:1999 (see Chapter 3);
- Due to the absence of a reference to the standard text, delete the ISO 14528-2:1999 references ISO 14528-3:1999;
- Because ISO 15062 in ISO 14528-2:1999 labeled "forthcoming" but not yet published, it is deleted ISO 15062;
- equivalents adoption of international standards GB/T 1410-2006 instead of IEC 60093. 1980 (see Table 1, 4.5);
- equivalents adoption of international standards GB/T 10064-2006 instead of IEC 60167. 1964 (see Table 2, 4.1);
- equivalents adoption of international standards GB/T 1408.1-2006 instead of IEC 60243-1:1998 (see Table 1, 4.7);
- Modify with international standards of GB/T 1409-2006 instead of IEC 60250. 1969 (see Table 1, 4.1);
- equivalents adoption of international standards GB/T 2408-2008 instead of IEC 60695-11-10:1999 (see Table 1, 3.7);
- equivalents adoption of international standards GB/T 5169.17-2008 instead of IEC 60695-11-20:1999 (see Table 1 3.9);
- equivalents adoption of international standards GB/T 2407-2008 instead of ISO 181. 1981 (see Table 2 3.1).
- Table 3, 1.2 and 1.3 of the "standard" content "See footnote b" changed to "GB/T 17037.3-2003", so that the standard Operable;
- Table 3 4.6 "Test conditions and additional instructions" and "contact with the wire electrode" to "circular electrode" in order to meet the domestic test methods the technical requirements;
- Table 3.1 in the "unit" content 4 is amended as "mm"; "test conditions and annotated" content was revised to "horizontal and vertical Direct method "to meet the technical requirements of domestic test methods;
- Since the original standard marked forthcoming ISO 15062 has not been published, it is removed in 3.1, "for example, when the filling of the mold cavity Case, you can use the method specified in ISO 15062 measured minimum torque Ms as a measure basis. " this part made the following editorial changes.
- Delete footnote in Chapter 2;
- Adjust the sequence table.

1) Table 3 to Table 1, and delete table footnote;

2) Table 4 to Table 2;

3) Table 1 to Table 3;

4) Table 2 to Table 4.

--- On the part of the international standard's number was revised;

--- Of a table format has been modified.

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 drafted. Guangdongrongtai Industrial Co., Ltd., Jieyang City, Guangdong Province Quality and Technology Association, provided Chenguang Chemical Research Design Institute Co., Ltd., Fujian Province Shaxian Hongguang Chemical Co., Ltd. Changshu Southeast plastics, synthetic resin National Quality Supervision and Inspection center.

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Plastic powdered melamine - formaldehyde molding compounds (MF-PMCs) Part 2.
Sample preparation and determination of properties

1 Scope

GB/T 13454 in the provisions of this section for powdered melamine - Preparation of formaldehyde molding compound (MF-PMCs) performance test specimens Processes and test methods.

This section specifies the method of test material to be treated and the state of the molding material samples to be tested before the pre-test and adjustment requirements.

This section applies to melamine-formaldehyde powder molding compounds (MF-PMCs) and sample preparation procedures and conditions for use of these samples test material Performance with method also applies to characterize the performance of their testing methods MF-PMCs required.

Performance Project selected generic test method GB/T 19467.1-2004. Some other particularly important or broad MF-PMCs make Test methods are also included in this part of GB/T 13454, the characteristic performance can be GB/T 13454.1 found in.

In order to obtain comparable and have a reproducible test results should be in accordance with the process of sample preparation and status adjustment method provided herein,