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

GB/T 21060-2007

Plastics -- Determination of pourability

塑料 流动性的测定

(English Translation)

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Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and Definitions
5 Instruments
6 Conditioning
7.1 General

Foreword

This standard is identical with ISO 6186:1998 "Plastics Determination of flow" (in English) (October 3, 2003 confirmation).

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

- a) "this International Standard" be replaced by "this standard";
- b) use a decimal point instead of a decimal comma " , " . " , " ;
- c) Remove the preface to the international standards.

The standard proposed by China Petroleum and Chemical Industry Association.

This standard by the National Standardization Technical Committee of plastic PVC resin product Club (SAC/TC15/SC7) centralized.

This standard was drafted. Jinxi Chemical Industry Research Institute, Yunnan Salt & Chemical Co., Ltd., Inner Mongolia Sanlian Chemical Industry Co., Ltd., Qingdao Crystal Chemical Group Co., Ltd., Nantong Jiangshan Agrochemical & Chemical Corporation.

1 Scope

This standard specifies two methods, namely Method A and Method B. By measuring the powder or granular plastic funnel outflow time is measured its liquidity.

A obtained by the method of processing and performance-related information, and the method B is designed for process control during the production and design.

Note: The method described is not available for all powders and granular plastic.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2918-1998 standard plastic sample conditioning and environmental tests (idt ISO 291:1997)

3 Terms and Definitions

The following terms and definitions apply to this standard.

Certain quality or volume of a predetermined size sample outflow funnel amount of time, expressed in seconds.

Principle 4

Measuring a weight or volume of the sample size of the outflow funnel predetermined amount of time.

5 Instruments

5.1

funnel, shape and dimensions are shown in Figure 1 and Table 1, you can use an ordinary test funnel or leak test with switchable interface Bucket, funnel shall be made of metal (such as stainless steel), the inner surface should be careful polishing, assembly should be closing the outlet means (such as a metal sheet), a drain Ground fighting should be to eliminate static electricity.

5.2

funnel holder for holding the funnel perpendicular to the axis, for example, a vertical carriage mounted on a metal ring.

5.3

stopwatch, accurate to 0.1s, or selection method has the same accuracy of other measurements of time.

5.4

Balance, accurate to 0.1g.

6 Conditioning

Unless otherwise specified, after the receipt of the samples should be tested at room temperature. If the test environment may affect the test results, it should be based on GB/T 2918-1998 specified in $(23 \pm 1) ^\circ\text{C}$, relative humidity $(50 \pm 5)\%$ condition adjusting 24h, and tested in the same environment.

Step 7

7.1 General

GB/T 21060-2007/ISO 6186:1998