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

GB/T 8806-2008

Replacing GB/T 8806-1988

**Plastics piping systems -- Plastics components --
Determination of dimensions**

塑料管道系统 塑料部件尺寸的测定

(English Translation)

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Table of Contents

Introduction

1 Scope

2 Normative references

3 Terms and definitions, symbols

4 Measuring gauges

Determination of size 3

Determination of 6 and fittings related to other geometry

7 Flange, loose flange and the flange

Determination of 8 other sizes

Appendix A (informative) measuring instruments and precision in recommending

References

Foreword

This standard is equivalent to international standards ISO 3126:2005 "Plastics piping systems - Plastics components - Determination of dimensions," the technical content Exactly the same, only for the following editorial changes.

- a) "this International Standard" by "this standard";
- b) use the decimal symbol instead of the original international standard decimal symbol " , ".
" , " ;
- c) Remove the preface to the international standards, increase our standard of preface;
- d) increased Normative references GB/T 6315 "universal angle ruler cursor", GB/T 6379.1 "accurate measurement methods and results (Trueness and precision) - Part 1. General principles and definitions ", GB/T 6379.2" measuring method and accuracy of the results (positive Accuracy and precision) - Part 2. Determine the standard measurement repeatability and reproducibility of the basic method ", GB/T 6379.4 "Measurement Methods and Results Accuracy (trueness and precision) - Part 4. determine the basic direction of the standard methods of measurement accuracy Method ", GB/T 6379.5" measurement methods and results of Accuracy (trueness and precision) - Part 5. Determination of the standard measurement direction Method precision alternative methods, "and Appendix A" measuring instruments and precision in recommending ";
- e) The formula L_e , so $= L_4 + \sin\theta - \tan\theta - L_5$ Corrected to. L_e , so $= L_3 \sin\theta + \tan\theta - L_5$

f) The formula $L_e, sp = L_4 + \sin\theta - \tan\theta$ Corrected to. $L_e, sp = L_3 \sin\theta + -\tan\theta$
this standard replaces GB/T 8806-1988 "plastic pipe size measurement method." this standard and GB/T 8806-1988 compared to the main changes are as follows.

--- Increasing the range and angle measuring tube, length, squareness and other geometric quantities;

--- Introduction of relevant content measurement accuracy;

--- Increase in non-contact instruments;

--- Specifies the angle, length, squareness and other geometric quantities measuring step.

Appendix A of this standard is an informative annex.

Please note that some of the content of this standard may involve patents, the issuing authority of this standard should not bear the responsibility to identify these patents.

The standard proposed by China National Light Industry Council.

This standard by the National Plastics Standardization Technical Committee (SAC/TC48) centralized.

This standard was drafted. National Plastic Products Quality Supervision and Inspection Center (Beijing), Asia Plastics Co., Ltd. and Zhejiang in the fiscal pipeline Technology Co., Ltd.

1 Scope

This standard specifies the accuracy of the measurement or determination of plastic pipes and fittings size and method of measurement.

To detect product geometry compliance, this standard specifies the wall thickness, diameter, length, angle and vertical degree of measurement procedures.

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 1216 outside micrometer (GB/T 1216-2004, DIN863-1:1999, MOD) GB/T 1219 indicator GB/T 4340.1 Vickers hardness test - Part 1. Test method (GB/T 4340.1-1999, eqv ISO 6507-1.

1997)

GB/T 6315 cursor table with several significant omnipotent angle ruler GB/T 6379.1 measurement methods and results of Accuracy (trueness and precision) - Part 1. General principles and definitions (GB/T 6379.1-2004, ISO 5725-1:1994, IDT) GB/T 6379.2 measurement methods and results of Accuracy (trueness and precision) - Part 2. Determine the standard measurement method to repeat of the basic methods of reproduction (GB/T 6379.2-2004, ISO 5725-2:1994, IDT) GB/T 6379.4 measurement methods and results of Accuracy (trueness and precision) - Part 4. correctly determine the standard measurement method the basic method of degree (GB/T 6379.4-2006, ISO 5725-4:1994, IDT) GB/T 6379.5 measurement methods and results of Accuracy (trueness and precision) - Part 5. Determination of standard measurement method precision Alternative methods degrees (GB/T 6379.5-2006, ISO 5725-5:1998, IDT) GB/T 21389 cursor, with table and several Caliper

3 Terms and definitions, symbols

The following terms and definitions, symbols apply to this standard.

3.1 Terms and Definitions

3.1.1

Measurements and acceptance of the degree of consistency between the reference value.

Note: The term "accuracy", when applied to a set of test results from the random error and systematic error component that is bias component with (GB/T 3358.1).

3.1.2

Under specified conditions, to determine the magnitude of the measuring instrument or measuring system, as indicated, or in-kind or amount of reference materials represent value, A set of operations between the values \u200b\u200bestablished by the corresponding standard reproducible.

3.1.3

International (national) accreditation for a given unit of measurement requirements.

GB/T 8806-2008/ISO 3126:2005