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

GB/T 10002.3-2011

**Valves made of unplasticized poly (vinyl chloride) (PVC-U) for
water supply**

(English Translation)

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Foreword

GB/T 10002 consists of the following three parts.

- GB/T 10002.1 water with a hard polyvinyl chloride (PVC-U) pipes;
- GB/T 10002.2 water pipe with a hard polyvinyl chloride (PVC-U);
- GB/T 10002.3 water with a hard polyvinyl chloride (PVC-U) valves.

This section GB/T 10002 Part 3.

This section uses redrafted Law Amendment uses ISO 4422-4.1997 "Water with a hard polyvinyl chloride (PVC-U) pipes and fittings Regulation

Fan Part 4. valves and fittings. "

Adopting ISO 4422-4.1997 when this part has made several changes related to editorial and technical differences between a given in Appendix A

Lanbiao for reference.

This part of ISO 4422-4.1997 compared to the major differences are.

- Increased health performance requirements;
- Increased the elastomeric seal and adhesive requirements;
- Deletion of the requirement about saddle fitting;
- Remove the rupture test requirements;
- Modify the test parameters and grouping within the body resistant to pressure test;
- Modified torque torque test test parameters, reduced to one-half of the increase requested;
- Increased inspection rules;
- Increased packaging, transportation and storage requirements;

--- Added Appendix A "in this section and ISO 4422-4.1997 technical difference table";

--- Added Appendix B "thermoplastic valve connection parameter";

--- Added Appendix C "valve common basic dimensions."

Please note that some of the content of this section may involve patents. This part of the release mechanism should not bear the responsibility to identify these patents.

This part is proposed by the China National Light Industry Council.

This part of the National Plastics Standardization Technical Committee of plastic pipe, fittings and valves at the Technical Committee (SAC/TC48 /

SC3) centralized.

This section drafted. Zhejiang Science and Technology Co., Ltd. pipeline in the fiscal AD Plastic Industry Group Co., Ltd., Guangdong Science and Technology Industrial Co. Liansu Limited, Youli Holding Group Co., Ltd., Fujian Asia-new material Technology Co., Ltd.

1 Scope

This section GB/T 10002 specifies the polyvinyl chloride (PVC) resin as the main raw material, water with a hard PVC processed after molding

Vinyl (PVC-U) valve (hereinafter referred to as "valve") material, product classification, technical requirements, test methods, inspection rules, marking, packaging, transport

Transport and storage.

This section applies to a building or underground water with a hard PVC pipe system valves. Valve comply with the provisions of this section

Fittings GB/T 10002.1 and comply with the requirements of the pipe GB/T 10002.2 requirements necessary use.

Valve provisions of this Part apply to transport drinking water and general purpose water pressure piping systems, the water temperature does not exceed 45 °C.

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.

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample

Programme (ISO 2859-1.1999, IDT)

GB/T 2918-1998 standard plastic sample status and environmental tests (idt ISO 291.1997)

GB/T 7306.1-2000 55 ° sealing pipe thread - Part 1. the inner cylindrical thread and taper external thread (eqv ISO 7-1.1994)

GB/T 7306.2-2000 55 ° sealing pipe thread Part 2. internal Taper internal and external threads (eqv ISO 7-1.1994)

GB/T 8802-2001 Thermoplastics pipes, fittings Vicat softening temperature measured (eqv ISO 2507-2.1995)

GB/T 8803-2001 Injection hard polyvinyl chloride (PVC-U), chlorinated polyvinyl chloride (PVC-C), ABS and ASA fittings

Hot oven test method (eqv ISO 580.1990)

GB/T 8806 plastic pipe size measurement (eqv ISO 3126. 1974)

GB/T 9115.1 ~ 9115.4-2000 plane, projecting panel welded steel pipe flanges

GB/T 10002.1-2006 water with a hard polyvinyl chloride (PVC-U) pipes (ISO 4422.1996, NEQ)

GB/T 10002.2-2003 water with a hard polyvinyl chloride (PVC-U) pipe fittings (ISO 4422-3.1996, MOD)

GB/T 17219-1998 drinking water distribution equipment and protective materials safety evaluation of

GB/T 27726-2011 Thermoplastics valves - Pressure test methods and requirements

HG/T 3091-2000 rubber seals to seal drains and sewers Interface Material Specification (idt ISO 4633.

1996)

QB/T 2568-2002 rigid polyvinyl chloride (PVC-U) pipe system with solvent-based adhesives

ISO 8233. 1988 Thermoplastics valves - Torque Testing Method

ISO 8659.1999 Thermoplastics valves - Test method for fatigue strength

3 Terms and Definitions

GB/T 10002.1 and GB/T 10002.2 defined and the following terms and definitions apply to this document.

3.1

Nominal diameter nominalsize

Manufacturing is only related to the size and convenience of reference only a rounded value, apply to the calculation, it is the outer diameter of the pipe system in addition to or thread

END: Draft Version (GB/T 10002.3-2011)

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