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

CJ/T 272-2008

**Modified poly vinyl chloride (PVC-M) pipes and fittings for water
supply
(English Translation)**

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Foreword

This standard formulation, with reference to the national standard GB/T 10002.1-2006 "water supply with rigid polyvinyl chloride (PVC-U) pipe" GB/T 10002.2-2003 "water supply rigid polyvinyl chloride (PVC-U) pipe fittings," while referring to the Australian/New Zealand national standard AS/NZS 4765..2000 "Modified Polyvinyl Chloride for Pressure Pipes (PVC-M)", South Africa Standard SANS966-2..2006 "Pressure Piping System Standard Part 2. Modified Polyvinyl Chloride (PVC-M) Pressure Piping System ", British Standard BSPAS 27-1999" Hard Poly Vinyl chloride alloy (PVC-A) pipe and elbow. " this standard is proposed by the Ministry of Construction standard quota research institute.

This standard by the Ministry of Water Supply and Drainage Products Standardization Technical Committee.

This standard was drafted. Hebei Po-seok Pipe Co., Ltd., Changzhou Po-seok ambitious Plastic Co., Ltd..

1 Scope

This standard specifies the materials for water-based impact-modified polyvinyl chloride (PVC-M) pipe and fittings, product classification, requirements, test methods, Inspection rules, signs, packaging, transportation, storage.

This standard applies to polyvinyl chloride resin as the main raw material, through the physical modification of the extrusion molding of the pipe and injection molding pipe.

The pipe and fittings specified in this standard are applicable to the delivery of domestic drinking water and general-purpose water under pressure and the water temperature does not exceed 45 °C.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. All dated references, which are subsequently owned Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to reach an agreement based on this standard research Whether you can use the latest versions of these files. For undated references, the latest version applies to this standard.

GB/T 1033-1986 Test methods for plastic density and relative density (eqv ISO/DIS 1183. 1984) GB/T 2828.1-2003 Sampling procedures for sampling inspection - Part 1. batch acceptance inspection by acceptance quality limit (AQL) sampling Plan (ISO 2589-1.:1999, IDT) GB/T 2918 plastic sample conditioning and testing of the standard environment (idt ISO 291.:1997) Determination of residual vinyl chloride monomer content in GB/T 4615 polyvinyl chloride resin GB/T 5761 suspension of general-purpose polyvinyl chloride resin GB/T 6111-2003 Thermoplastics pipes for fluid transport - Internal pressure resistance test method (ISO 1167.:1996, IDT) Thermoplastic pipes - Determination of longitudinal shrinkage GB/T 6671-2001 (eqv ISO 2505.:1994) GB/T 8801 rigid polyvinyl chloride (PVC-U) pipe fall test methods GB/T 8802 Thermoplastics pipes and fittings - Determination of vicat softening temperature (eqv ISO 2507.:1995) GB/T 8803 injection molding rigid polyvinyl chloride (PVC-U), chlorinated polyvinyl chloride (PVC-C), acrylonitrile-butadiene-styrene three Hot oven test method for copolymer of ABS and acrylonitrile-styrene-acrylate terpolymer (ASA) GB/T 8805 rigid plastic pipe bending method GB/T 8806 plastic pipe dimensions measurement method (eqv ISO 3126. 1974) GB/T 10002.2-2003 Water supply rigid polyvinyl chloride (PVC-U) pipe fittings (ISO 4422-3.:1996, MOD) GB/T 13526 rigid polyvinyl chloride (PVC-U) pipe dichloromethane immersion test method (neq ISO 7676.:1990) GB/T 14152 Thermoplastics pipes - Test methods for resistance to external shock - Rotary method (eqv ISO 3127.:1994) GB/T 17219 drinking water distribution equipment and protective materials safety evaluation criteria Long-term hydrostatic strength of thermoplastic pipe by extrapolation of GB/T 18252 Plastics piping systems GB/T 18476 Determination of resistance to crack propagation in polyolefin pipes for fluid transport - Test method for slow crack growth in notched pipe (Incision test) (eqv ISO 13479.:1997) Thermoplastics pipes, fittings and valves - General terms and definitions GB/T 19471.1 plastic pipe system PVC pipe (PVC-U) flexible ring socket joint Angular seal test Test methods (ISO 13845.:2000, IDT) GB/T 19471.2 plastic pipe system rigid PVC (PVC-U) pipe elastic ring socket joint negative pressure seal test Test methods (ISO 13844.:2000, IDT) HG/T 3091 rubber seal to the sewers and sewers interface gasket material specification (idt ISO 4633.:1996) QB/T 2568 Polyvinyl chloride

(PVC-U) plastic pipe system solvent-based adhesive