

ICS 91.140
CCS P 42

CJ

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

CJ/T 542-2020

**Modular system for rainwater storage
(English Translation)**

Issued on: March 30, 2020

Implemented on: October 1, 2020

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by the Standard Rating Research Institute of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Technical Committee for Standardization of Building Water Supply and Drainage of the Ministry of Housing and Urban-Rural Development.

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1 Scope

This standard specifies the terms and definitions, classification and markings, materials, and materials for plastic module rainwater storage facilities and silica sand module rainwater storage facilities Manufacturing, requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard is applicable to the production and inspection of plastic and silica sand modules for rainwater control and recycling in urban construction communities, industrial areas and municipal engineering.

Other materials and forms of rainwater modules can be used as reference.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For undated reference documents, the latest version (including all amendments) applies to this document.

GB 175 General Portland Cement GB/T 1033.1 Determination of the density of plastic non-foam plastics Part 1: Immersion method, liquid pycnometer method and titration method GB/T 1040.1 Determination of tensile properties of plastics Part 1: General GB/T 1040.2 Determination of tensile properties of plastics Part 2: Test conditions for molding and extrusion plastics GB/T 1041 Determination of plastic compression properties GB/T 1043.1 Determination of impact performance of plastic simply supported beams Part 1: Non-instrumented impact test GB/T 1633 Thermoplastics Determination of Vicat Softening Temperature (VST) GB/T 1843 Determination of impact strength of plastic cantilever beam GB/T 1845.2 Plastic Polyethylene (PE) Molding and Extrusion Materials Part 2: Test Preparation and Performance Determination GB/T 2828.1 Sampling inspection procedure by attributes Part 1: Batch inspection sampling plan retrieved by acceptance quality limit (AQL) GB/T 2829 Periodic Inspection Sampling Procedures and Tables by Attributes

(Applicable to the Inspection of Process Stability) GB/T 2918 Standard environment for condition adjustment and testing of plastic samples GB/T 3398.2 Determination of Plastic Hardness Part 2: Rockwell Hardness GB/T 3682.1 Plastic thermoplastic melt mass flow rate (MFR) and melt volume flow rate (MVR) measurement Part 1: Standard Methods GB/T 4111-2013 Test methods for concrete blocks and bricks GB 8076 concrete admixture GB/T 8806 Determination of the dimensions of plastic parts in plastic piping systems GB/T 9341 Determination of bending properties of plastics GB/T 11115 Polyethylene (PE) resin GB/T 11547 Determination of the resistance of plastics to liquid chemical reagents GB/T 11901 Determination of suspended matter in water by gravimetric method GB/T 12670 Polypropylene (PP) resin GB/T 14152 Thermoplastic pipes test method for external impact resistance. Clockwise reversal method GB/T 14486 Dimensional tolerance of plastic molded parts GB/T 14684 Sand for construction GB/T 14685 Pebble and gravel for construction