

ICS 83.080.20

CCS G31



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

GB/T 12010.3-2010

Replacing GB/T 12010.2-1989

**Plastic - Poly(vinyl alcohol)(PVAL)materials - Part 3:
Specification**

塑料 聚乙烯醇材料 (PVAL) 第3部分: 规格

Issued on: September 2, 2010

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Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

GB/T 12010 "plastic material polyvinyl alcohol (PVAL)" is divided into eight sections.

- Part 1. Designation system and basis;
- Part 2. Performance measurement;
- Part 3. Specifications; Part
- Chapter 4. pH value measurement;
- Part 5. Determination of the average degree of polymerization;
- Part 6. Determination of particle size;
- Part 7. Determination of sodium hydroxide;
- Part 8. Determination of transparency. This section GB/T 12010 Part 3. This Part replaces GB/T 12010.2-1989 "polyvinyl alcohol resin specifications." This portion of the GB/T 12010.2-1989 main differences are as follows:
 - Canceled Model (1989 version 3);
 - Product specifications have been adjusted (4, 1989 edition of version 3.2);
 - Sodium acetate canceled project (1989 version 4, this version 3.2);
 - Part of the adjustment of the volatile indicator (4, 1989 edition of the
 - Increased purity index (edition 3.2);

1 Scope

GB/T 12010.3-2010 is the Chinese national standard on plastic - poly(vinyl alcohol)(pval)materials - part 3: specification, in the field of rubber and plastic industries. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 2 September 2010 by

the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 83.080.20, CCS G31. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

GB/T 12010 provisions of this part of the material part of the requirements of polyvinyl alcohol products, test methods, inspection rules, packaging, labeling, storage Store and transport. This section applies to non-fibrous material is polyvinyl alcohol.

2 Normative references

The following documents contain provisions which, through reference

GB/T 12010 in this section constitute provisions of this section. For dated references, All subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encourage an agreement under this section Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 191 Packaging - Pictorial signs

GB/T 6678-2003 General Principles for Sampling Chemical Products

GB/T 6679 General rules for sampling solid chemical products

GB/T 8170 repair value expressed about the rules and limit values \u200b\u200band judgment

GB/T 12010.2-2010 plastic material polyvinyl alcohol (PVAL) - Part 2. determination of properties (ISO 15023-2.2003, MOD)

GB/T 12010.4-2010 plastic material polyvinyl alcohol (PVAL) - Part 4. pH value measurement

3 Requirements

3.1 Appearance Polyvinyl material product is white or light yellow floc, tablets, granules, powder solid.

3.2 Performance Indicators Polyvinyl material performance indicators should meet the requirements of Table 1. Table

1 Performance Indicators Specifications Grading project Alcoholysis (Mount Seoul fraction)
/% Viscosity / (MPa ·

s) Volatile content/% Ash content/% pH value purity/% 086-

03 Excellence in goods 85.0 -87.0 3.4 -4.2 5.0 93.5 0.4 5-

7 Qualified 84.0 - 88.0 3.0 - 5.0 5.0 91.5 0.5 4-7 088-

05 Excellence for

87.0 to 89.0 4.5 6.0 5.0 93.5 0.5 5-

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