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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 8290-2021

Rubber latex - Sampling

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1.Structure and Drafting Rules of Standardization Documents"

Drafting.

This document replaces GB/T 8290-2008 "Concentrated Natural Rubber Latex Sampling". Compared with GB/T 8290-2008, except for structural adjustments and

In addition to editorial changes, the main technical changes are as follows.

--- Changed the scope of application of the document (see Chapter 1, Chapter 1 of the.2008 edition);

--- Deleted the term "experimental part" (see 3.5 in the.2008 edition);

---In the "Instrument", the "General Requirements" has been added and the order of the articles has been adjusted.

Request content to be included (see 5.1, 5.2, 5.3, the introduction of the.2008 edition, 5.1, 5.2);

--- Change the "check valve" in the sketch of the sampling pipe to "simple valve" (see Figure 1, Figure 1 of the.2008 edition);

--- Set "Sampling device for latex in tank trucks or storage tanks" as the title, and change the following content to paragraphs (see 5.3.2, 5.3.2.1,.2008

5.2.2 of the annual version);

---Added optional styles of cylindrical stainless steel containers (see 5.3.2.2);

---Change the content of the sampling report (see Chapter 8, Chapter 8 of the.2008 edition).

This document uses the redrafting method to modify and adopt ISO 123.2001 "Latex Sampling".

Compared with ISO 123.2001, the structure of this document has been adjusted. The specific chapter numbers are as follows.

---In the "Instrument", a "general requirements" item has been added and the order of the items has been adjusted (see 5.1);

--- Change the content after "Sampling device for latex in tanker or storage tank" to one (see 5.3.2.1).

The technical differences between this document and ISO 123.2001 and the reasons are as follows.

---Regarding normative references, since the international standards listed in Chapter 2 of ISO 123.2001 are all quoted with dates, these

International standards are quoted undated in the main text (the specific content is not quoted in the main text). Therefore, this document is changed to

The national standards with technical differences cited by the date replace these international standards to achieve consistency and adapt to my country's technology

The conditions are adjusted as follows.

* Replace ISO 15528 with GB/T 3186 equivalent to the international standard (see 5.3.2.2);

* Replace ISO 3310-1 (see 3.5, 5.6) with GB/T 6003.1 which is modified to adopt international standards;

* Replace ISO 706 with GB/T 8291 modified to adopt international standards (see 3.5, 6.5.5);

* Replace ISO 124 with GB/T 8298 modified to adopt international standards (see 6.5.3);

--- Deleted the term "test part" (see 3.5 of ISO 123.2001) because it did not appear in the text;

---Change the introductory language in "Instrument" to the article in "General Requirements" (see 5.1.1, the introductory language of ISO 123.2001), because it contains

request;

---Change the requirements of the "agitator" and "sampling device" into two of the "general requirements" (see 5.1.2, 5.1.3, ISO 123.

5.1 and 5.2 of.2001), because it is a general requirement.

The following editorial changes have been made to this document.

---Change the position of some language expressions and pictures to meet the language environment of our country (see 3.1, Figure 1, Figure 2, 6.5.1, 6.5.2.

6.5.2.3, 6.5.4, 6.6).

1 Scope

This document specifies the sampling procedures for concentrated natural latex, synthetic latex and artificial latex.

This document is applicable to the sampling of latex in barrels, latex tank trucks and latex in rubber storage tanks. Sampling procedures can also be used for plastic dispersions

Of sampling.

2 Normative references

The content of the following documents constitutes an indispensable clause of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

GB/T 3186 Paint, varnish and raw material sampling for paint and varnish (GB/T 3186-2006, ISO 15528.2000, IDT)

GB/T 6003.1 Test sieve technical requirements and inspection Part 1.Metal wire woven mesh test sieve (GB/T 6003.1-2012,

ISO 3310-1.2000, MOD)

GB/T 8291 Concentrated natural rubber latex curd content (sieve residue) determination (GB/T 8291-2008, ISO 706..2004,

MOD)

GB/T 8298 Determination of total solid content of latex (GB/T 8298-2017, ISO 124.2014, MOD)

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Lot

A certain amount of latex that is processed or produced under the same conditions.

Note. A batch of latex may be packed in one or several containers.

3.2

Sample

A certain amount of latex extracted from a batch of latex.

3.3

Laboratorysample

A certain amount of latex representing the batch of latex and used for laboratory inspection and testing.

3.4

Testsample

A certain amount of latex obtained by filtering the laboratory sample (3.3) for testing.

Note. When determining the clot content, a laboratory sample is used instead of a sample (see 6.5.5).