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LY

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

LY/T 1070.2-2004

Replacing LY/T 1071-1992

**Unsaturated polyester resin decorative wood-based panel - Part
2: Test method**

不饱和聚酯树脂装饰人造板 第2部分：试验方法
(English Translation)

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Foreword

LY/T 1070-2004 "Unsaturated Polyester Resin Decorative Wood-based Panel" is divided into two parts.

--- Part 1. Technical conditions;

--- Part 2. Test methods.

This part is the second part of LY/T 1070-2004 "Unsaturated Polyester Resin Decorative Wood-based Panel".

This part replaces LY/T 1071-1992 "Test Method for Decorative Plywood of Unsaturated Polyester Resin".

LY/T 1070-2004 compared with the previous version of the standard, the standard name changed from "unsaturated polyester resin decorative plywood" to "unsaturated poly Ester resin decorative wood-based panel"; important technical changes are. technical conditions in addition to the requirements for unsaturated polyester resin decorative plywood, increased Unsaturated polyester resin decorative medium density fiberboard, unsaturated polyester resin decorative hardboard, unsaturated polyester resin decorative particleboard and no the requirements for saturated polyester resin decorative blockboard, etc.; the test method also increased the project accordingly.

In this part of the test method, the test methods such as paint adhesion, formaldehyde emission, impact resistance and the corresponding reference documents are added.

This section replaces LY/T 1071-1992 from the date of implementation.

This part is proposed and managed by the National Standardization Technical Committee for Wood-based Panels.

This section is responsible for drafting the unit. Forest College of South China Agricultural

University.

Participated in the drafting of this section. Guangdong Province, Dongguan City, the city of elegant polyester decorative board factory, Nanhai City, Guangdong Province, Yanbu Nanhua decorative sheet factory, Linyi Nanhua Decorative Plate Co., Ltd., Shandong Province.

1 Scope

This part of LY/T 1070 specifies the size of the unsaturated polyester resin decorative wood-based panel defined by LY/T 1070.1-2004.

Test method for measurement and performance.

This section applies to the measurement of the size and dimensions of unsaturated polyester resin decorative wood-based panels.

2 Normative references

The terms in the following documents become the provisions of this section by reference to this part of LY/T 1070. Quotations with dated , all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouragement is achieved under this section the parties to the agreement study whether the latest versions of these documents can be used. For undated references, the latest edition applies to this section.

GB/T 4893.4-1985 furniture surface paint film adhesion cross cutting method GB/T 11718-1999 medium density fiberboard GB/T 12626.8-1990 Determination of water absorption of hardboard GB/T 17657-1999 Test method for physical and chemical properties of wood-based panels and veneered panels GB/T 18103-2000 parquet GB 18580-2001 Indoor decoration materials, artificial release boards and their products, formaldehyde release limit GB/T 19367.1-2003 Determination of thickness, width and length of panel LY/T 1070.1-2004 Decorative panel of unsaturated polyester resin - Part 1. Technical conditions

3.1 Measurement of length, width and thickness dimensions

According to the provisions of GB/T 19367.1-2003.

3.2 Measurement of the difference between the diagonals

Use a steel tape measure (with an accuracy of 1 mm) to measure the diagonal length of the plate and calculate the difference between the two diagonals to the nearest 1 mm.

3.3.1 Sampling

Sampling inspection shall be carried out in accordance with the sampling plan of Table 6 of 6.3.1 of LY/T 1070.1-2004.

3.3.2 Moisture content during measurement

The moisture content during the measurement shall comply with the requirements of 5.3 of LY/T 1070.1-2004.

3.3.3 Measurement tools

A steel ruler that is qualified and has an appropriate length and 0.5 mm reading accuracy.

3.3.4 Measurement procedure

The unsaturated polyester resin decorative artificial board is concavely facing upward and placed on the water platform surface without any external force, respectively, along two diagonals Thread the wire to the metal ruler or tighten the wire to the surface of the board. Use a measuring instrument to measure the maximum deviation between the board surface and the ruler or the rope (ie the diagonal is the largest).

String height), accurate to 1mm.