

ICS 83.120
CCS Q23



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

GB/T 14206-2015

Replacing GB/T 14206-2005

Glass fiber reinforced polyester continuous panels

玻璃纤维增强聚酯连续板

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Quarantine of the People's Republic of China;
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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB/T 14206-2005 "glass fiber reinforced polyester corrugated board." This standard compared with GB/T 14206-2005, The main technical changes are as follows:

- Standard name changed to "continuous glass fiber reinforced polyester board";
- Product category increased intensity level, remove the molding method of classification types (see 31, 2005 version 3.1.);
- Modify the mark mode (see 32, 2005 version 3.2.);
- Will be "allowed to have a diameter greater than 4mm bubble" appearance requirements, was changed to "not allowed to have a diameter greater than 2mm bubbles" (See 51, 2005 4.3.);
- Deleted the relevant requirements of hand lay plate (see the 2005 edition of 4.4,4.6, Table 7);
- Increased tablet size deviation requirements (see 5.2);
- Increase the tensile strength, tensile modulus of elasticity and Barcol hardness (see
- Remove the continuous sheet resin content requirements (see the 2005 edition 4.4);
- Increasing the transmittance of the light transmittance gelcoat Continuous board requirements (see 5.8);
- Modify the impact properties of the sample size (see 671, 2005 4.7.);
- Modify factory inspection test items and determination rules (see 71, 2005 6.1.);
- Modify the type test conditions (see 7.2 1, 2005 edition of 6.2.1). The standard proposed by China Building Materials Federation. The standard fiber-reinforced plastic by the National Standardization Technical Committee (SAC/TC39) centralized. This standard is mainly drafted by: Qinhuangdao Yaohua Glass Steel Corporation, Beijing FRP Research and Design Institute Co., Ltd., Nanjing Fillon complex Composite material limited liability

company, Kunshan aspect Composite Materials Co., Tangshan Run Feng Composite Materials Co., Ltd., Suzhou Tokai composite materials Limited. The main drafters of this standard. Fuxiu Jun, Li Limin, Zhou Jianfeng, Wang Haoran, Feng Zhiyuan, Liu Qiang, Zhou Lianbin. This standard previously issued as follows:

--- GB/T 14206-1993, GB/T 14206-2005. Continuous glass fiber reinforced polyester plate

1 Scope

GB/T 14206-2015 is the Chinese national standard on glass fiber reinforced polyester continuous panels, 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 31 December 2015 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 November 2016. Classification: ICS 83.120, CCS Q23. 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.

This standard specifies the continuous glass fiber reinforced polyester sheet classification and marking, materials, requirements, test methods, inspection rules, marks, transportation Transport, storage and installation. This standard applies to glass fiber rovings and its products, unsaturated polyester resin as the main raw material, continuous system board technology students Production of glass fiber reinforced polyester continuous plate (hereinafter referred to as "continuous board").

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document. Plastic tensile properties

GB/T 1447 fiber reinforced

GB/T 2576 non-fiber-reinforced plastic resin content test methods for melting points Plastic Barcol hardness test GB/T 3854 enhancements

GB/T 8237 fiber-reinforced plastic with a liquid unsaturated polyester resin

GB/T 8924 fiber reinforced plastic combustion performance test by oxygen index

GB/T 17470 glass fiber chopped strand mat and continuous strand mat

GB/T 18369 glass fiber rovings

GB/T 18370 fiberglass roving Plastic light transmission rate test methods JC/T 782 glass fiber reinforced

3.1 Classification

3.1.1 continuous plate press-sectional shape into flat, continuous sine wave plate, trapezoidal continuous wave plate, respectively, P, Z, T represents. Continuous sine wave plate 1, a continuous trapezoidal wave plate shown in Figure 2.

3.1.2 continuous slab divided by light transmission properties of the transparent type, opaque type; transmission type is divided into ordinary transmission type, transmission type and flame retardant translucent gel coat type, Respectively PT, ZT, JT represents.

3.1.3 continuous plate press into flame retardant properties, non-flame retardant; flame retardant into Class 1 and Class 2 flame retardant, respectively F1 and F2 FIG.

3.1.4 Continuous plate divided according to intensity level intensity level intensity level 1 and 2, respectively, with Q1, Q2 represents.