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

LY/T 3226-2020

Oriented strand board for container flooring

集装箱底板用定向刨花板

(English Translation)

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Foreword

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

Appendix A of this document is a normative appendix.

1 Scope

This document specifies the terms and definitions, requirements, inspection methods, inspection rules and Identification, packaging, transportation and storage.

This document is applicable to Oriented Strand Board for container floor.

2 Normative references

The contents of the following documents constitute indispensable clauses of this document through normative references in the text. Among them, dated for reference documents, only the dated version applies to this document; for undated reference documents, the latest version (including all Some amendments) apply to this document.

GB/T 2828.1-2012 Sampling inspection procedures by attributes Part 1: Batch-by-batch sampling inspection searched by acceptance quality limit (AQL) plan GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and facing wood-based panels GB/T 18259-2018 Artificial board and its surface decoration terms GB/T 19367-2009 Determination of the size of wood-based panels GB/T 19536-2015 Plywood for container floor

3 Terms and definitions

The following terms and definitions defined in GB/T 18259-2018 apply to this document.

Oriented strand board (OSB) After applying the adhesive, the narrow and long thin flat shavings are arranged in the same direction in the same layer and laid in the same direction, and then hot-pressed.

Flower board. Referred to as OSB.

[GB/T 18259-2018, definition 3.3.22] 3.2 Oriented strand board for container flooring
Oriented strand board with certain weather resistance and load-bearing capacity is used to manufacture the core material of the composite container bottom plate. General Use phenolic resin or isocyanate resin or adhesive with equivalent performance. The density is usually greater than 750kg/m³.

4.1 Specification size, size deviation and density deviation

4.1.1

Common format specifications. 1200mmx2400mm, 1220mmx2440 mm. It can also be produced according to the agreement between the supplier and the demander Produce.

4.1.2

Thickness specifications. 14mm, 15mm, 16mm, 18mm, 20mm, 22mm, 24mm. Can also double according to supply and demand Party agreed to produce.

4.1.3

Product size deviation and density deviation should meet the requirements of Table 1.

4.2 Appearance quality

The appearance quality should meet the requirements of Table 2.

4.3 Physical and mechanical properties

The physical and mechanical properties should meet the requirements of Table 3.

5.1 Apparatus

5.1.1

Micrometer, the graduation value is 0.01mm.

5.1.2

Vernier caliper, graduation value 0.02mm.

5.1.3

Steel tape, with an graduation value of 1.0mm.

5.1.4

Balance with a sense of 0.01g.

5.2 Sampling and test pieces

5.2.1

Take samples as specified in Section 7.

5.2.2

Saw three samples according to the sample in Figure 1, and indicate the sample number, the position of the upper and lower surfaces and the edge of the board. Each sample According to Figure 2 and Table 4, saw the test piece.

Note: In the figure, L represents the length of the sample, and B represents the width of the sample.

5.3 Measurement of dimensional deviation

According to the relevant regulations in GB/T 19367-2009.

5.4 Edge straightness determination

According to the relevant regulations in GB/T 19367-2009.

5.5 Measurement of verticality

According to the relevant regulations in GB/T 19367-2009.

5.6 Determination of moisture content

According to the provisions of 4.3 in GB/T 17657-2013. The test piece does not need to be balanced.

5.7 Density determination

According to the provisions of 4.2 in GB/T 17657-2013. The test piece does not need to be balanced.

5.8 Determination of static bending strength and elastic modulus

According to the provisions of GB/T 17657-2013, 4.7. The test piece does not need to be balanced.

5.9 Determination of internal bond strength

According to the provisions of 4.11 in GB/T 17657-2013. The test piece does not need to be balanced.

5.10 24 hours water absorption thickness swelling rate measurement According to the provisions of 4.4 in GB/T 17657-2013. The test piece does not need to be balanced.

5.11 Determination of internal bonding strength after boiling

According to the provisions of 4.12 in GB/T 17657-2013. The test piece does not need to be balanced.

5.12 Short-span shear strength determination

Determine the short-span shear strength according to the method in Appendix A. The test piece does not need to be balanced.