

**Test Report** No.: CZHL2111007952HI **Date:** DEC. 10, 2021 Page 1 of 3

CHANGZHOU DACHUAN ENVIRONMENTAL PROTECTION TECHNOLOGY DEVELOPMENT CO.,LTD.  
 NO.2,CHUANGSHENG ROAD,INDUSTRIAL CONCERNTRATION AREA,LUOYANG TOWN,WUJIN  
 DISTRICT, CHANGZHOU, JIANGSU, CHINA

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Description : MINERAL STONE POLYCOMPOSITE (MSPC)  
 Requested Age Grading : 15  
 \*\*\*\*\*  
 Sample Receiving Date : DEC. 03, 2021  
 Testing Period : DEC. 03, 2021 TO DEC. 10, 2021  
 Testing Performed : Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	With Reference to Particleboards and fibreboards — Determination of swelling in thickness after immersion in water (EN 317:1993)	See Result

\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*



Berix Li  
 Authorized Signatory



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SGS-CSTC Shanghai Technical Services (Changzhou) Co., Ltd.  
 Hardlines

Building 30, No. 47, Qingyang North Road, Tianning District, Changzhou, China 213017 t (86-519) 85587753  
 中国·常州·天宁区青洋北路47号30号楼 邮编: 213017 t (86-519) 85587753

www.sgs.com.cn  
 e sgs.china@sgs.com

**1. With Reference to Particleboards and fibreboards — Determination of swelling in thickness after immersion in water (EN 317:1993)**

Clause	Test Description	Result
Particleboards and fibreboards — Determination of swelling in thickness after immersion in water	1. The thickness of each test piece shall be measured to an accuracy of ± 0.01mm at the intersection of the diagonals. 2. Immerse the test piece with their face vertical in clean, still water, having a pH of 7±1 and a temperature of (20±1)°C. This temperature shall be maintained throughout the test period. During the test, the test pieces shall be separated from each other and from the bottom and the sides of the water bath. The upper edges of the test pieces shall be covered by (25±5)mm of water throughout the test. The water shall be changed after each test. The immersion times shall be as specified by the individual standards for the different board types. 3. After the immersion time has elapsed, take the test pieces out of the water, remove excess water and measure the thickness of each test piece.  $G_t = \frac{t_2 - t_1}{t_1} \times 100$ t <sub>1</sub> is the thickness of the test piece before immersion, mm t <sub>2</sub> is the thickness of the test piece after immersion, mm	The immersion times: 24 hours  Actual: 0.47%



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Building 30, No. 47, Qingyang North Road, Tanning District, Changzhou, China 213017 t (86-519)85587753 www.sgs.com.cn  
 中国·常州·天宁区青洋北路47号30号楼 邮编: 213017 t (86-519)85587753 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Photo Appendix

Photo relative to overall specimen:



Received Sample (front view)



Received Sample (back view)

Result/Rating/Record Key(s)

- I. Result/Rating Keys: P = Pass = Meet; F = Fail = Not Meet; N/A = Not applicable = Not suitable; NR = NC = Test not conduct/requested per client request; TT = Test terminated due to the earlier failure of last test.
- II. Record Keys: "C:" means Claimed parameter; "A:" means Actual recorded from test; "D:" means Data for reference only.

General Report Note(s)

- A. N.B. Only applicable clauses were shown.
- B. (1) 1mg/kg = 0.0001% (2) MDL = Method Detection Limit (3) ND = Not Detected (< MDL)  
(4) "-" = Not Regulated
- C. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
- D. This document cannot be used for publicity, without prior written approval of the SGS.
- E. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion. Testing results only apply to the sample as received.
- F. The declaration of conformity is only based on the actual value of laboratory activity, measurement uncertainty of the results not take into account.
- G. Since the above deviation of testing method is provided by the applicant, the relevant results or conclusions of this report are only made for the deviation method, SGS is not responsible for the validity of the result and /or conclusion resulted from the deviation.

\*\*\* End of Report \*\*\*



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