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TEST REPORT



中国认可
国际互认
检测
TESTING
CNAS L0220

Number: GZHT91320734

Date: Mar 11, 2025

Applicant: WELLMAX PRODUCTS CO., LTD
8F-5, NO.247, YIXIN ST., EAST DIST.,
TAICHUNG CITY 401, TAIWAN (R.O.C.)
Attn: JAY

Sample Description:

One (1) roll of submitted sample said to be WELLMAX V NY-07 ANTIPENETRATION MID SOLE in White.

Standard : EN ISO 22568-4:2021

Style No./Name : WELLMAX V NY-07 ANTIPENETRATION MID SOLE

Date Received : Mar. 04, 2025

Testing Period : Mar. 04, 2025--Mar. 10, 2025

Test Result Please Refer To Attached Page(S).

Should you have any query on this report, you may contact at gzfootwear@intertek.com

Authorized By:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch

Guiliang Dong
Senior Lab Manager



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CL / jackiezheng

Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

深圳天祥质量技术服务有限公司广州分公司

Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730

广州市黄埔区保盈东路8号401房、501房、601房、801房、901房、1003房

Tel: +86 20 2820 9114 Postcode: 510730

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检验检测专用章

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- Resistance To Perforation (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.1.2, **Method PS And Annex B**, Diameter Of Test Nail: (3.0 ± 0.03) mm, Speed: (10 ± 3) mm/min, Conditioning: At Least 24 h At $(23 \pm 2)^{\circ}\text{C}$ And $(50 \pm 5)\%$ R.H.)

Perforation Point	Results	Requirement	Pass/Fail
Point 1	1345 N	Min. 950 N	Pass
Point 2	1375 N	Min. 950 N	Pass
Point 3	1300 N	Min. 950 N	Pass
Point 4	1295 N	Min. 950 N	Pass
Point 5	1324 N	Min. 950 N	Pass
Average Value	1328 N	Min. 1100 N	Pass

- Resistance To Perforation After Acid Sweat Treatment (Non-Metallic Perforation Resistant Inserts) (EN ISO 22568-4:2021, 5.3.3 & ISO 105-E04:2013, 4.4, **Method PS And Annex B**, Speed: (10 ± 3) mm/min, Conditioning Before Testing: $(23 \pm 2)^{\circ}\text{C}$ For 24 h)

Acid Sweat Treatment: pH 5.5 Acid Sweat Solution: $(23 \pm 2)^{\circ}\text{C}$ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1218 N	Min. 950 N	Pass
	Point 2	1201 N	Min. 950 N	Pass
	Point 3	1252 N	Min. 950 N	Pass
	Point 4	1298 N	Min. 950 N	Pass
	Point 5	1203 N	Min. 950 N	Pass
	Average Value	1234 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1275 N	Min. 950 N	Pass
	Point 2	1275 N	Min. 950 N	Pass
	Point 3	1294 N	Min. 950 N	Pass
	Point 4	1423 N	Min. 950 N	Pass
	Point 5	1239 N	Min. 950 N	Pass
	Average Value	1301 N	Min. 1100 N	Pass

- 3 Resistance To Perforation After Alkali Sweat Treatment (Non-Metallic Perforation Resistant Inserts)
(EN ISO 22568-4:2021, 5.3.4 & ISO 105-E04:2013, 4.3, **Method PS And Annex B**, Speed: (10 ± 3) mm/min,
Conditioning Before Testing: $(23 \pm 2)^{\circ}\text{C}$ For 24 h)

Alkali Sweat Treatment: pH 8.0 Alkali Sweat Solution: $(23 \pm 2)^{\circ}\text{C}$ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1263 N	Min. 950 N	Pass
	Point 2	1359 N	Min. 950 N	Pass
	Point 3	1391 N	Min. 950 N	Pass
	Point 4	1378 N	Min. 950 N	Pass
	Point 5	1336 N	Min. 950 N	Pass
	Average Value	1345 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1342 N	Min. 950 N	Pass
	Point 2	1183 N	Min. 950 N	Pass
	Point 3	1199 N	Min. 950 N	Pass
	Point 4	1265 N	Min. 950 N	Pass
	Point 5	1398 N	Min. 950 N	Pass
	Average Value	1277 N	Min. 1100 N	Pass

- 4 Resistance To Perforation After High Temperature Treatment (Non-Metallic Perforation Resistant Inserts)
(EN ISO 22568-4:2021, 5.3.2, **Method PS And Annex B**, Speed: (10 ± 3) mm/min)

High Temperature Treatment: $60 \pm 2^{\circ}\text{C}$ For 4 Hours, Then $45 \pm 2^{\circ}\text{C}$ For Another 18 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1080 N	Min. 950 N	Pass
	Point 2	1249 N	Min. 950 N	Pass
	Point 3	1199 N	Min. 950 N	Pass
	Point 4	1295 N	Min. 950 N	Pass
	Point 5	1291 N	Min. 950 N	Pass
	Average Value	1233 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1183 N	Min. 950 N	Pass
	Point 2	1288 N	Min. 950 N	Pass
	Point 3	1313 N	Min. 950 N	Pass
	Point 4	1246 N	Min. 950 N	Pass
	Point 5	1197 N	Min. 950 N	Pass
	Average Value	1244 N	Min. 1100 N	Pass

- 5 Resistance To Perforation After Fuel Oil Treatment (Non-Metallic Perforation Resistant Inserts)
(EN ISO 22568-4:2021, 5.3.5, **Method PS And Annex B**, Speed: (10 ± 3) mm/min, Conditioning Before Testing: $(23 \pm 2)^{\circ}\text{C}$ For 24 h)

Fuel Oil Treatment: 2,2,4-Trimethylpentane: $(23 \pm 2)^{\circ}\text{C}$ For 24 Hours				
Sample 1	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1031 N	Min. 950 N	Pass
	Point 2	1161 N	Min. 950 N	Pass
	Point 3	1182 N	Min. 950 N	Pass
	Point 4	1275 N	Min. 950 N	Pass
	Point 5	1274 N	Min. 950 N	Pass
	Average Value	1185 N	Min. 1100 N	Pass
Sample 2	Perforation Point	Results	Requirement	Pass/Fail
	Point 1	1232 N	Min. 950 N	Pass
	Point 2	1282 N	Min. 950 N	Pass
	Point 3	1302 N	Min. 950 N	Pass
	Point 4	1228 N	Min. 950 N	Pass
	Point 5	1208 N	Min. 950 N	Pass
	Average Value	1250 N	Min. 1100 N	Pass



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Tests Conducted (As Requested By The Applicant)



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End Of Report

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Remark:

1. As Requested by the Applicant, For Details Refer to Attached Page (S).
2. All the tested item are tested under the standard condition.
3. The report is valid with commission test only for the test samples in the case of delivering samples by clients.

/ jackiezheng

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Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
深圳天祥质量技术服务有限公司广州分公司
Room 401/501/601/801/901/1003, No. 8, East BaoYing Road, Huangpu District, Guangzhou 510730
广州市黄埔区保盈东路8号401房、501房、601房、801房、901房、1003房
Tel: +86 20 2820 9114 Postcode: 510730

www.intertek.com

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