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TEST REPORT

Number: GZHT91106819

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

Date: Apr 26, 2022

Attn: JAY SHEN

Sample Description:

One (1) piece of submitted sample said to be WELLMAX V NY-07 ANTIPENETRATION MID SOLE WITH 5% recycled material.

Standard : EN 12568: 2010

Date Received/Date Test Started : Apr. 14, 2022/--

Date Final Information Confirmed: --

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



BF/lynnyang

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1 Nail Penetration Resistance After Thermal Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 7.2.1 & 7.4.2, Modified.)

Effect Of High Temperature Temp. (60°C × 4 Hours, Then 45°C × 18 Hours)				
Sample	Specimen	Results	Applicant's Requirement	Pass/Fail
-	Specimen 1	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,390 N And No Separation Of The Layers Occurred.	*	Pass
	Specimen 2	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,412 N And No Separation Of The Layers Occurred.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

2 Nail Penetration Resistance After Thermal Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 7.2.1 & 7.4.3, Modified)

Effect Of Low Temperature Temp. (-20°C × 4 Hours, Then -6°C × 18 Hours)				
Sample	Specimen	Results	Applicant's Requirement	Pass/Fail
-	Specimen 1	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,375 N And No Separation Of The Layers Occurred.	*	Pass
	Specimen 2	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,383 N And No Separation Of The Layers Occurred.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.



3 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568:2010, 7.2.1 & 7.4.5, Modified)

Effect Of Acid (1 mol/l H ₂ SO ₄ × 23°C × 24 Hours)				
Sample	Specimen	Results	Applicant's Requirement	Pass/Fail
-	Specimen 1	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,386 N And No Separation Of The Layers Occurred.	*	Pass
	Specimen 2	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,398 N And No Separation Of The Layers Occurred.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.

4 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568:2010,7.2.1 & 7.4.4, Modified)

Effect Of Alkali (1 mol/l NaOH × 23°C × 24 Hours)				
Sample	Specimen	Results	Applicant's Requirement	Pass/Fail
-	Specimen 1	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,392 N And No Separation Of The Layers Occurred.	*	Pass
	Specimen 2	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,413 N And No Separation Of The Layers Occurred.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.



5 Nail Penetration Resistance After Chemical Ageing Test Of Non-Metal Penetration Resistant Inserts (EN 12568: 2010, 7.2.1 & 7.4.6, Modified)

Effect Of Fuel Oil (2,2,4-Trimethylpentane × 23°C × 24 Hours)				
Sample	Specimen	Results	Applicant's Requirement	Pass/Fail
-	Specimen 1	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,361 N And No Separation Of The Layers Occurred.	*	Pass
	Specimen 2	The Tip Of The Test Nail Penetrated Through The Test Piece At 1,376 N And No Separation Of The Layers Occurred.	*	Pass

Remark: * = The Tip Of The Test Nail Shall Not Penetrate Through The Test Piece And Separation Of The Layers Shall Not Occur Before 1,100 N.





End of Report

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