AB-0690-T
TR2427019
01-24

TEST REPORT

Job No./Report No TR2427019 Date: 17 January 2024

TRUMAR AYAKKABI
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To the attention of Esen Yanpınar

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

Sample No.	Sample Description
A	631320 Endurance Mid Safety Footwear (EA27913 Pre-Shipment test) in Brown-black

Client's reference No.	:	TR 2427019
Buyer	:	ISM HEINRICH KRAMER GMBH & CO. KG
Order No.	:	EA27913
Model/Style No.	:	631320 ENDURANCE MID 641350 ENDURANCE LOW
Brand	:	ALBATROS
Assemble Construction	:	INJECTED
Insert Plate	:	NON METALLIC - ON PROTECTOR FAP
Upper	:	LEATHER
Quarter Lining	:	POLYESTER
Tongue	:	POLYESTER
Lace	:	POLYESTER
Insole	:	PU + POLYESTER LAMINATED
Toe Cap	:	METALLIC ISCO
Sole	:	PU + PU
Vamp Lining	:	POLYESTER
Counter Lining	:	POLYESTER
Collar	:	POLYESTER
Sewing Thread	:	POLYESTER
Insock	:	POLYESTER
Protection Category	:	S3 SRC
Size Range	:	39-47
Age Grade	:	Not Provided
Manufacturer	:	TRUMAR AYAKKABI
Country of Origin	:	Not Provided
Country of Destination	:	Not Provided
Shipment Date	:	Not Provided
Fiber Composition	:	Not Provided

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Fabric Weight : Not Provided
End Use : Not Provided
Agency : Not Provided
Sample Receiving Date : 15 January 2024
Test Performing Period : 15 January 2024~17 January 2024
Submitted Care Label Instructions : : Not Provided

Overall Conclusion : **PASS**

Test Results : Please refer to the next page(s).
Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

Test Parameters	Result
Physical tests	**A**
Compression Resistance	M
Perforation Resistance of Footwear With a Non-Metallic Perforation Resistant Inserts	M
Footwear Rigidity and Flexing Resistance of Outsole	M

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

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The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

SEZİN AYBER Customer Services Supervisor	FERRUH ŞENER Customer Services Team Leader

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Compression Resistance[1]

Test Method: ISO 20344:2011 Clause 5.5
Compression Load (kN): 15±0,15
Assessment Method: ISO 20345:2011 Clause 5.3.2.4
Sample ID & Colour: A: Brown-black

Footwear Size: 39	**Toecap Size**: 8		
	Left	**Right**	**Requirement**
Clearance (mm)	19,0	19,5	**≥13,5 mm**
Visual inspect	No cracks	No cracks	**The toecap shall not develop delamination or any cracks which go through the material.**
Footwear Size: 43	**Toecap Size**: 10		
	Left	**Right**	**Requirement**
Clearance (mm)	23,0	21,0	**≥14,5 mm**
Visual inspect	No cracks	No cracks	**The toecap shall not develop delamination or any cracks which go through the material.**
Footwear Size: 47	**Toecap Size**: 11		
	Left	**Right**	**Requirement**
Clearance (mm)	23,0	24,0	**≥15 mm**
Visual inspect	No cracks	No cracks	**The toecap shall not develop delamination or any cracks which go through the material.**

Uncertainity: ±8 %

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Footwear Rigidity and Flexing Resistance of Outsole[1]

Test Method: ISO 20344:2011 Clause 8.4
Number of flexing cycles: 30000
Assessment method: ISO 20345:2011 Clause 5.8.4
Sample ID & Colour: A: Brown-black
Sample Description: Brown-black

	Parameters	Footwear Size/Side		Footwear Size/Side		Footwear Size/Side		Requirement
		39	Right	43	Right	47	Right	
8.5 Rigidity	Flexing angle at 30 N	>45		>45		>45		
8.6 Flex Resistance	Cut growth (mm)	0,1		0,1		0,1		**≤ 4mm**
	The depth of the deepest crack (mm)	-		-		-		**≤ 1,5mm**
	The length of the longest crack (mm)	-		-		-		**≤ 4mm**
	The number of cracks	-		-		-		**≤ 5**
Uncertainty: ±7 %								

Perforation Resistance of Footwear With a Non-Metallic Perforation Resistant Inserts[1]

Test Method: ISO 20344:2011 Clause 5.8.3
Assessment Method: ISO 20345:2011 Clause 6.2.1.1.2
Sample ID & Colour: A: Brown-black

Footwear Size	Footwear Side	Visual inspection 1.point	Visual inspection 2.point	Visual inspection 3.point	Visual inspection 4.point
39	Left	No perforation	No perforation	No perforation	No perforation
	Right	No perforation	No perforation	No perforation	No perforation
43	Left	No perforation	No perforation	No perforation	No perforation
	Right	No perforation	No perforation	No perforation	No perforation
47	Left	No perforation	No perforation	No perforation	No perforation
	Right	No perforation	No perforation	No perforation	No perforation
Requirement for visual inspection					
The tip of the nail shall not protrude from the test piece					
Uncertainity: ± 9 %					

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* * * End of Test Report * * *

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