

Headerinformation

Responsible location: Slovakia
Responsible person: Jana Krivková
Lab. Report No.: 786/2015

Basic Information

Material no.:	440102 col.00283	Test number:	
Material description:	LEATHER LACE ROUND 3 MM		
Supplier name:	Grossi		
Initiated by:	LMN	Project no.:	
Article no/name/season:	Uppers ECCO ELAINE FLATFOM 280533 28053L58902, 28053L59640, 28053L59969		
Sample description:	LEATHER LACE ROUND 3 MM		
Test description:	acc. specification for entry control		
Reason for test	entry control		
Test start:	09/25/2015	Test finish	09/25/2015
Test according to:	E D-Development, E-Entry control, C-Colour approval & S-Sandbox		

General Material information

Information according to: A

	Requirements
1.	Optical workmanship : Round Appearance : 3.0 ± 0.2 mm Not Relevant test : Wicking test : ECCO Method 51 Attachment strength of shoe lace tags : SATRA 175

Laboratory results

	Test method	Results	Requirements
1.	Optical workmanship:	Ok acc. counter sample	Must be according to countersample.
2.	Thickness of non-leather flexible sheet materials: SATRA TM27	Ok 3,2 mm	Round/oval/flat appearance. As guidance the diameter should be: $\text{mm} \pm 5\%$, measured loose by hand.
3.	Abrasion between shoe laces and eyelets: SATRA TM93	Ok slight abrasion	Method 1- laceabrasion: Min. 5000 cycles. No worse than moderate abrasion on the lace.
4.	Knot slippage test: SATRA TM195	Ok Slippage of lace N : 20,46	Slippage of lace: min. 12,0 N
5.	Colour fastness to water and perspiration: SATRA TM335	Ok Cotton level : 5 Nylon level : 5	Method 1 : Min. level 3 on grey scale

		Wool level : 5	
6.	Wicking test: ECCO Method 51	Ok 0 cm / 2 h	If used in Goretex/HM: max. 1 cm/2 h
7.	Attachment strength of shoe lace tags: SATRA 175	No conclusion not relevant test	Min. 150,0 N

Laboratory conclusion

Overall conclusion: OK

Comments
test made by KALU

Attachments

Approved for production	
NCP no. if approved with Not OK test results	

Jana Krivková

Date:

Comments from Group development	
Comments by:	Date:

Final Approval:
