

Our Ref: SW/BR

16 March 2023

Report 403429/3

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Wooltex UK Limited
 Woodland Mill
 Dale Street
 Longwood
 Huddersfield, Yorkshire
 HD3 4TG

Contact: Laura Wood

DATE RECEIVED : 2 MAR 2023
 QUALITY/REFERENCE : NAVELI 973
 REPUTED FIBRE CONTENT : 100% WOOL (NAVELI 973)
 FABRIC DESCRIPTION : WOVEN

PERFORMANCE STANDARD : GENERAL

TEST PERFORMANCE DATE(S) : 16/03/2023



REPORT SUMMARY

Tests	Method	Pass	Fail	Requirement
Seam slippage	BS EN ISO 13936-2:2004			No requirement
Resistance to pilling	BS EN ISO 12945-2:2000			No requirement
Resistance to abrasion	BS EN ISO 12947-2:2016 Abrasion			No requirement



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Conformity statements for tests marked ‡ are subject to the application of the decision rules set out in Annex A of this report and information on the measurement uncertainty for the relevant test(s) is provided within this test report.



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PHYSICAL

BS EN ISO 13936-2:2004 Seam Slippage

	Length	Width
Seam opening at 180.0 N	4.6 mm	4.3 mm

Requirement:
No requirement

BS EN ISO 12945-2:2000 Determination of fabric propensity to Surface Fuzzing & Pilling (Modified Martindale)

Revs	Grade
125	4-5
500	4
1000	4
2000	4
5000	4

Requirement:
No requirement

Sample tested: As received

Tested using standard worsted abradant as per BS EN ISO 12947-1

BS EN ISO 12947-2:2016 Abrasion

12 kPa load.

Number of rubs to breakdown:
Head 1 70,000
Head 2 70,000
Head 3 70,000
Head 4 60,000

Requirement:
No requirement



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ANNEX A: DECISION RULES

In accordance with the requirements of BS EN ISO 17025:2017 it is necessary for the decision rules applied to each test carried out to be agreed with the customer and reported. The following decision rules have been applied by default unless stated to the contrary in this test report.

Rule 1	<p>Applicable to any requirement stated to be 'Minimum xxxx' or 'Maximum xxxx' or stated to be a range (e.g. XXX to YYY or AAA ± B):</p> <p>The use of constrained simple acceptance based on the difference between a stated limit (requirement) and the reported test result being greater than the measurement uncertainty (U) for a conformity probability of 95%. The risk of false accept or false reject is 2.5%</p>
Rule 2	<p>For tests based on subjective grading of a result using a 9-point scale (e.g. colour fastness, pilling, etc):</p> <p>Simple acceptance based on the test uncertainty ratio (T.U.R.) being <4. The risk of false accept or false reject is up to 50% but will be reduced the further the reported result is away from the stated requirement.</p>
Rule 3	<p>For tests based on a subjective assessment of a property (e.g. whether a component detaches or not):</p> <p>Simple acceptance based upon the conditions of testing falling within the criteria for test set out in the test method within a conformance probability of 95%. The risk of false accept or false reject of the testing conditions not meeting the specified requirements is 2.5%.</p>
Rule 4	<p>If a validated test method (e.g. BS EN ISO standard) indicates that the measurement uncertainty has already been taken into account when calculating the test result then results may be reported using simple acceptance without the need for the application of the relevant decision rule set out above.</p>

Any decision rule proposed by the client must satisfy the requirements of ISO 17025:2017 to include consideration of the measurement uncertainty and has been included within the test report. The company is obliged to refuse to apply decision rules that do not satisfy the requirements of BS EN ISO 17025:2017.

