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

Sample Description	:	Renewed Loop Screen
Customer	:	Gabriel ; Hjulmagervej 55, DK-9000 Aalborg
Colour	:	60799 Black
Product type	:	Upholstery fabric
Fiber content	:	PES REC


Test Performed : Selected test(s) as requested by applicant
 * * * * *
 Sample Receiving Date : 24th October 2022
 Testing Period : 24th October 2022 – 29th November 2022. This report 28513015-A3 issued 30/03/23 supersedes report 28513015. Updated sample details.
 Test Result(s) : For further details, please refer to the following page(s).

Conclusion:

Test Property	Results
Abrasion	-
Pilling	-
Seam Slippage	-
Tensile	-
Tear	-
Colour Fastness to Rubbing	-
Colour Fastness to Lights*	-

*Sub contracted to TÜVR, Turkey accredited laboratory

Signed for and on behalf of
TÜV Rheinland UK LTD



Digitally signed
by Dathan Stone
Date: 2023.03.30
15:16:45 +01'00'

Dathan Stone
Senior Laboratory Technician



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*Test result is drawn according to the kind and extent of tests performed.
 Without permission of the test centre this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products. This test report represents the test parameters as requested by the customer based on submitted samples only.*



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Results:

Seam Slippage (BS EN ISO 13936-2:2004)	
Sample	Result
Warp	2.0mm
Weft	1.7mm

Pilling Resistance (BS EN ISO 12945-2:2020; Martindale Abrasion & Pilling Tester; Total Load Applied 415g, tested against wool abradent fabric) No cleansing required Deviation: At clients request - only pilling surface characteristics assessed	
Sample	Average Result
After 2000 Rubs Rating	4-5 Pilling
After 5000 Rubs Rating	4-5 Pilling

Abrasion Resistance (BS EN ISO 12947-2:2016/AC:2006 according to BS EN 14465); Martindale Wear & Abrasion Tester; 12 kPa Pressure)			
Result			
	Specimen 1	Specimen 2	Specimen 3
End point reached, Consolidation of fibers and hole formation.	110,000	110,000	110,000
Colour Change At 3000 (rubs)	4-5	4-5	4-5
Remarks: Grey Scale Rating is based on the step scale of 1 to 5, where 1 is bad and 5 is good Observation Technique: 40 fold magnification			



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Tensile Strength (BS EN ISO 13934-1:2013)	
	Result N
Warp	1445.30
Weft	1509.63

Tearing Strength (BS EN ISO 13937-3:2000; Single Tear)	
	Result N
Warp	97.7
Weft	96.3

Colour Fastness To Rubbing (BS EN ISO105-X12:2016); Size of rubbing finger: 16mm diameter				
	Result; Staining and Colour Change			
	Warp		Weft	
	Dry: 5		Dry: 5	
	Wet: 5	% Soak: 100	Wet: 5	% Soak: 100

Colour Fastness To Light Bs/EN/ISO 105-B02 – Method 2	
Apparatus	Xenon-arc lamp
Exposure	+7

-End of Test Report-