

TEST REPORT

Job No./Report No: TR1382634

Date: 6 September 2018

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BENAŞ TEKSTİL SAN VE TİC LTD ŞTİ
DEMİRTAS O.S.B REYHAN SOK NO 1 OSMANGAZI BURSA
TEL: 02242612238
FAX: 02242612349
To the attention of Murat Günoğlu

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

Sample No.	Sample Description
A	Woven fabric in beige

Client's reference No. : TR 1382634
Buyer : Not Provided
Order No. : Not Provided
Model/Style No. : Not Provided
Article No. : BNT3671 MOPA
Age Grade : Not Provided
Manufacturer : BENAŞ TEKSTİL
Country of Origin : Not Provided
Country of Destination : Not Provided
Shipment Date : Not Provided
Fiber Composition : Not Provided
Fabric Weight : Not Provided
End Use : Not Provided
Agency : Not Provided
Sample Receiving Date : 4 September 2018
Test Performing Period : 4 September 2018 ~ 6 September 2018
Submitted Care Label Instructions : Not Provided
Overall Conclusion : **See Results**

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

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Test Parameters	Result
Physical tests	A
Abrasion Resistance	*
Colour Fastness to Light	*
Oil Repellency	*
Water Repellency	*
Colour Fastness to Perspiration	*
Seam Slippage-Opening	*
Colour Fastness to Chlorinated Water	*
Colour Fastness to Rubbing	*
Colour Fastness to Sea Water	*
Pilling Resistance	*

Remarks	:	M = Meets client's requirement
		F = Below 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.	

The test results relate to the tested items only.
Test reports without SGS seal and authorized signatures are invalid.
Reported results do not include uncertainties.

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

Tuğba Mert
Customer Services Supervisor

Arzu Yılmaz
Customer Services Team Leader

Naz Acar PP.



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Abrasion Resistance¹

Test Method: BS EN ISO 12947-2:2016
Test Conditions: Used Mass: 595±7g(9 kpa)

Sample ID&Colour	End Point	Requirement by the Client
(a1)	1. 45000 revs 2. 45000 revs 3. 45000 revs Average 45000 revs	No Requirement

Pilling Resistance¹

Test Method: ISO 12945-2:2000
No wash before test
Test Conditions: Number of Test Specimen: 3
Number of Observer: 2
The abradant used: The same as the test fabric
The loading mass: 415 ±2 g

Sample ID&Colour	Revs	Original	Requirement by the Client
(a1)	2000	4-5	No Requirement

P: Pilling
F: Fuzzing
B: Both (Pilling & Fuzzing)

Seam Slippage-Opening¹

Test Method: ISO 13936-2:2004
Seam Opening: 120 N

Sample ID&Colour	Warp	Weft	Requirement by the Client
(a1)	2,3 mm	1,0 mm	No Requirement

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Water Repellency¹		
Test Method: ISO 4920:2012		
Sample ID&Colour	Original	Requirement by the Client
(a1)beige	<u>Face</u> 4-5	No Requirement
<p>Rating Table</p> <p>100 (ISO 5) No sticking or wetting of the specimen 90 (ISO 4) Slight random sticking or wetting of the specimen face 80 (ISO 3) Wetting of specimen face at spray points 70 (ISO 2) Partial wetting of the specimen face beyond the spray points 50 (ISO 1) Complete wetting of the entire specimen face beyond the spray points 0 Complete wetting of the entire face of the specimen</p>		

Oil Repellency¹		
Test Method: BS EN ISO 14419:2010		
Sample ID&Colour	Original	Requirement by the Client
(a1)beige	2,5	No Requirement

Colour Fastness to Chlorinated Water¹		
Test Method: ISO 105-E03:2010		
Test Conditions: Active chlorine concentration: 50 mg/L		
(a1)	Colour Change	Requirement by the Client
beige main	4-5	C: No Requirement S: No Requirement

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Colour Fastness to Light			
Test Method: ISO 105 B02:2014 GRADE 4 MODIFIED			
Sample ID & Colour		Colour Change	Requirement by the Client
(a1)	beige main	4	No Requirement

Colour Fastness to Perspiration¹									
Test Method: ISO 105-E04:2013									
Assessment: Numerical grey scale rating									
(a1)	Colour Change	Cross Staining	Staining Onto Multifiber(DW)						Requirement by the Client
			Acetate	Cotton	Nylon	Polyester	Acrylic	Wool	
Acid beige main	4-5	-	4-5	4-5	4-5	4-5	4-5	4-5	C: No Requirement S: No Requirement
Alkaline beige main	4-5	-	4-5	4-5	4-5	4-5	4-5	4-5	C: No Requirement S: No Requirement

Colour Fastness to Rubbing¹			
Test Method: ISO 105-X12:2016			
Used finger: 16 mm			
Percentage of soak for wet rub: 100 %			
Test Conditions: Temperature: 20 °C			
Humidity: 65 rh %			
Condition time of specimen & rubbing cloth: 4 hrs			
Assessment: Numerical grey scale rating			
(a1)	Original		Requirement by the Client
	Dry Staining	Wet Staining	
beige main	4-5	4-5	Dry: No Requirement Wet: No Requirement

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Colour Fastness to Sea Water¹									
Test Method: ISO 105-E02:2013									
(a1)	Colour Change	Cross Staining	Staining Onto Multifiber						Requirement by the Client
			Acetate	Cotton	Nylon	Polyester	Acrylic	Wool	
beige main	4-5	-	4-5	4-5	4-5	4-5	4-5	4-5	C: No Requirement S: No Requirement

Colour Fastness Rating	
Grade 5	Negligible or No staining
Grade 4	Slightly stained
Grade 3	Noticeably stained
Grade 2	Considerably stained
Grade 1	Heavily stained



* * * End of Test Report * * *

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