

TEST REPORT Job No./Report No TR1775082 Date: 14 September 2020 Page 1 of 9

STİTCH & TRİM AKS SAN VE DİŞ TİC AŞ
 OSB ATATÜRK BLV NO:86 K:3 34490 BAŞAKŞEHİR/İSTANBUL
 TEL: 05439395889
 E-MAIL: vedat@stitchandtrim.com
To the attention of Vedat Bey

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

Sample No.	Sample Description
A	Synthetic leather panel in Cream (Claimed to be PL.PU.COTTON.ELMA DERİSİ in BEJ 0230)

Client's reference No. : TR 1775082
 Buyer : Not Provided
 Order No. : Not Provided
 Model/Style No. : ED1111807
 Article No. : Not Provided
 Age Grade : Not Provided
 Manufacturer : SİTCH&TRİM AKS
 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 : 11 August 2020
 Test Performing Period : 11 August 2020~14 September 2020
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	*
Seam Strength	*
Water Penetration	*
Tensile Strength for Rubber Coated or Plastic Coated Fabrics	*
Determination of Tear Resistance For Rubber or Plastic Coated Fabrics	*
Flex Resistance for Rubber or Plastic Coated Fabrics (Flexometer Method)	*
Water Repellency	*
Absorbency (Original)	*
Bursting Strength	*
Tear Strength	*
Seam Slippage	*

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.

**IN THIS REPORT, ABRASION RESISTANCE TEST RESULT WAS ADDED.
THIS REPORT SUPERSEDES OUR REPORT NO: 1775082IR DATED 21.08.2020**

Gözde Gürses
Customer Services Supervisor

Bilal Kılaz
Customer Services Manager

Muazzez Korkmaz PP.



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Abrasion Resistance¹		
Test Method:	BS EN ISO 12947-2:2016	
Used Mass:	795±7g(12 kpa)	
Sample ID&Colour	End Point	Requirement
A) Cream	1.	>700000
	2.	>700000
	3.	>700000
	Average	>700000
		No Requirement

Bursting Strength¹		
Test Method:	ISO 13938-2:2019	
	Make and model of bursting tester : James H.Heal Truburst	
	Number of test specimens: 5	
	State of test : Conditioned	
Sample ID&Colour	Original	Requirement by the Client
(a1)	>500 kPa	No Requirement

Seam Strength			
Test Method:	ISO 13935-2:2014		
Test Conditions:	Type of sewing threads:	45 Tex % 100 Polyester sewing thread	
	Type of needle:	90 metric needle	
	Type of seam:	301	
	Number of test specimens in each direction:	5	
	Number of stitches per unit length:	50 stitch / 100 mm	
	Seam Allowance:	12 mm	
Sample ID&Colour	Warp	Weft	Requirement
A Cream	439 STB	437 STB	No Requirement

Type of failures			
Fabric tears at seam	FTS	Thread pull out	TPO
Fabric tears at jaw	FTJ	Fabric tears	FT
Seam thread breaks			

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Seam Slippage-Opening¹			
Test Method:		ISO 13936-2:2004	
Applied Load:		@120 N	
Sample ID&Colour	Warp	Weft	Requirement by the Client
(a1)	1,0 mm	1,0 mm	No requirement

Tear Strength			
Test Method:		ISO 13937-1:2000 Cor.1:2004	
Test Conditions:		Number of test specimens: 5	
Sample ID&Colour	Warp	Weft	Requirement
A	42,0 N	33,7 N	No Requirement
	Pendulum D	Pendulum D	

Water Repellency¹			
Test Method:		ISO 4920:2012	
Test Conditions:		Used atmosphere: 20±2 °C, % 65±4 rH Temperature of the water 20±2 °C	
Sample ID&Colour	Face (original)		Requirement by the Client
(a1)			No Requirement
Sample1	3		
Sample 3	3		
Sample 2	3		

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Tensile Strength for Rubber Coated or Plastic Coated Fabrics

Test Method: ISO 1421:2016

Test Conditions: Method 1 , Dry

Sample ID&Colour	Max. Force (N)	Break Force (N)	Elongation at max (%)	Elongation at break (%)	Requirement by the Client
(A)Cream leather panel					Warp Weft
LONGITUDINAL	735,2	734,0	17,5	17,5	No Requirement
TRANSVERSE	603,4	534,0	27,3	26,8	

Determination of Tear Resistance For Rubber of Plastic Coated Fabrics¹

Test Method: ISO 4674-1: 2016 Method B

Test condition: Dry

Test atmosphere and duration: 23±2°C / 50±5%RH

Sample ID & Colour: Cream

Parameter	Average tear strength (N)	Requirement
Longitudinal / Along direction	32,1	No Requirement
Transverse / Across direction	34,1	

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Absorbency-Original							
Test Method: BS 4554:1970							
65°C 20% Rh/ Water temperature: 20°C							
Sample ID&Colour	1	2	3	4	5	Requirement by the Client	
(A)						No Requirement	
Face Main	Sample1	>60sec	>60sec	>60sec	>60sec		>60sec
	Sample2	>60sec	>60sec	>60sec	>60sec		>60sec
	Sample3	>60sec	>60sec	>60sec	>60sec		>60sec
Back Main	Sample1	>60sec	>60sec	>60sec	>60sec		>60sec
	Sample2	>60sec	>60sec	>60sec	>60sec		>60sec
	Sample3	>60sec	>60sec	>60sec	>60sec		>60sec

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Determination of Flex Resistance By The Flexometer

Test Method: ISO 32100:2018

Test condition: **Dry**

Sample ID & Colour: Cream Synthetic Leather Panel

Sample direction	Number of flex	Grading of the damage	Requirement
1- Along	100.000	0-No Damage	No Requirement
2- Along	100.000	0-No Damage	
3- Along	100.000	0-No Damage	
4- Across	100.000	0-No Damage	
5- Across	100.000	0-No Damage	
6- Across	100.000	0-No Damage	

Determination of Flex Resistance By The Flexometer

Test Method: ISO 32100:2018

Test condition: **Cold (-5°C)**

Sample ID & Colour: Cream Synthetic Leather Panel

Sample direction	Number of flex	Grading of the damage	Requirement
1- Along	30.000	0-No Damage	No Requirement
2- Along	30.000	0-No Damage	
3- Along	30.000	0-No Damage	
4- Across	30.000	0-No Damage	
5- Across	30.000	0-No Damage	
6- Across	30.000	0-No Damage	

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Water Penetration¹			
Test Method:		ISO 811:2018	
Test Conditions:		Min 4 hours, %65±4 rH, 20±2°C Temp. - 60 cm H ₂ O/min - Face	
Sample ID&Colour	Original		Requirement by the Client
(A)	3858,9 cmH ₂ O 3914,2 cmH ₂ O 3792,6 cmH ₂ O 3810,4 cmH ₂ O 3912,2 cmH ₂ O	Average:3857,7 cmH ₂ O	No Requirement
	Bursted at 3857,7 cmH₂O		



* * * End of Test Report * * *

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