

TEST REPORT**NUMBER : PAKT24010983****DATE : 07-Nov-2024**

APPLICANT : Sonic Textile Industries
Plot # D/153-A, Near Valika Hospital
S.I.T.E., Karachi, PAKISTAN

ATTN : Mr. Faisal Noor, Mr. Sumair Ali

Overall Rating	
Pass	(X)
Fail	()
Not Provided	()

Sample Description : Four (4) Pieces Of One (1) Type Of Submitted
Knitted Vintage Mineral Washed Hoodie Top
Garment Sample Said To Be 80% Cotton 20%
Polyester, 285 Gm/m², In Vintage Mustard Color.

Fiber Content : 80% Cotton 20% Polyester

End Uses : Adult

Color : Vintage Mustard

Style No : ZS4005

Order No. : 2025

Buyer Name : Zuni

Manufacturer : Sonic Textile Industries (Pvt) Ltd.

Agent : Zuni Sportswear Inc.

Ref. : Brand: Zuni
Finish/Dye Type: Reactive
Exporting Market: U.S.A
Product Type: Top

Applicant Provided Care Instructions :
Machine Wash Cold With Like Colors, Only Non-Chlorine Bleach When Needed,
Tumble Dry Low, Do Not Iron If Decorated.

Date Received/Date Test Started : 24 OCT 2024
2022Date Confirmation Received : 28 OCT 2024

TEST CONDUCTED : AS PER THE REQUEST OF THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO ENCLOSED PAGE(S)

AUTHORIZED BY
FOR Intertek Pakistan (Pvt.) Ltd.



KHAWAR SHARF
GENERAL MANAGER (SOFTLINES & HARDLINES)

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Fiber Composition	M1
Appearance After Wash	M
Spirality	M
Color Fastness To Light	M
Color Fastness To Water	M
pH Value	M
Pilling Resistance	M
Wearing Apparel Flammability	M2
Color Fastness To Crocking	M
Color Fastness To Perspiration	M
Color Fastness To Accelerated Laundering	M
Dimensional Stability To Washing.	M
Fabric Weight	M3
Bursting Strength	M

M = Meet Buyer's Requirement F = Below Buyer's Requirement # = No Specified Requirement * = No Submitted Information N/A = Not Applicable

NOTE

M1 = The Sample Conforms To The Declared Fiber Content.

M2= Based Upon The Results Of The Flammability Test Reported, The Sample Submitted For Testing Is Rated As A Class 1 Material (Normal Flammability) When Tested and Classified In Accordance With Procedures & Requirements Of The Federal Flammable Fabrics Act Of 16 CFR 1610 Originally Effective From January 1953

M3 = The Sample Conform Within $\pm 5\%$ Tolerance To The Declared Fabric Weight. Specification Sheet Was Provided By The Applicant.

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TEST CONDUCTED (AS REQUESTED BY THE APPLICANT)

1. Fiber Content

- AATCC 20/20A-2021

Based On Moisture Regain Weight:

Cotton (%)	82.6	Requirement 80% Cotton
Polyester (%)	17.4	20% Polyester

REMARK:

Moisture Regain On Cotton: 8.0% Polyester: 0.4%

2. Appearance After Wash

(AATCC 150-2018, Machine Wash At 80°F In 1993 AATCC Standard Reference (OBA) Detergent, Normal Cycle, 1.8-Kg Load, Tumble Dry Low)

After 3rd Wash

Colour Change	W.Sup: 4, W/o.Sup: 3.5	Requirement Satisfactory
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OBSERVATION :

- . Skew: 0.6%
- . Slight Seam Puckering Was Observed.
- . No Fuzziness And No Pilling Was Observed.
- . No Seam Opening Was Observed.
- . No Seam Breakage Was Observed.
- . No Raveled Seam Was Observed.
- . No Fraying Of Fabric Was Observed.
- . No Shape Distortion Was Observed.
- . The Overall Appearance Of The Washed Sample Was Found satisfactory.

Remark:

W.Sup= With Suppressor

W/o. Sup= Without Suppressor

3. Spirality

ASTM TS-008

After 3rd Wash

Result	0.9%	Requirement 4% Max
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REMARK:

Washing Condition: Same As Dimensional Stability To Washing

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AATCC TM16.3-2020, Option 3, Xenon-ARC Lamp, Water Cooled (Grade) Requirement
After 20 AFU Base/Rib 4.5 3.5

5. Color Fastness To Water

- AATCC 107 -2013 Requirement
Color Change 4.5 4
Color Staining Acetate 4.5 3.5
Cotton 4.5
Nylon 4.5
Polyester 4.5
Acrylic 4.5
Wool 4.5

6. pH Value

AATCC TM 81 - 1996e2 (2016)e Requirement
Result 7.5 5.0 - 8.5

7. Pilling Resistance

(ASTM D3512-2016, Random Tumble)
As Received Requirement
After 30 Minutes 4 3.5

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(AATCC 8-2016)

As Received

		<u>Requirement</u>
Dry	4	4
Wet	3.5	3

9. Color Fastness To Perspiration

(AATCC 15-2013)

		<u>Requirement</u>
Colour Change	4.5	4
Colour Staining	Acetate 4.5	3.5
	Cotton 4.5	
	Nylon 4.5	
	Polyester 4.5	
	Acrylic 4.5	
	Wool 4.5	

10. Color Fastness To Accelerated Laundering

(AATCC 61-2010, Test No. 2A, 45 Minutes Mechanical Wash At 120°F In 0.15% 1993 AATCC Standard Reference Detergent [WOB] Solution With 50 Steel Balls)

		<u>Requirement</u>
Color Change	4	4
Color Staining	Acetate 4.5	3.5
	Cotton 4.5	
	Nylon 4.5	
	Polyester 4	
	Acrylic 4.5	
	Wool 3.5	

Remark:

W.Sup= With Suppressor

W/o. Sup= Without Suppressor

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11 Flammability Test

- 16 CFR 1610: 2023

(Back)						Requirement
<input checked="" type="checkbox"/> Raised surface			<input checked="" type="checkbox"/> Raised surface			Class 1
Burn Direction		<input checked="" type="checkbox"/> Length <input type="checkbox"/> Width	Burn Direction		<input checked="" type="checkbox"/> Length <input type="checkbox"/> Width	
Plain Surface			Plain Surface			
Length:		SF Poi	Length:		SF Poi	
Width:		SF Poi	Width:		SF Poi	
As Received			After One Drycleaning/Laundrying			
S.No	Time (seconds)	Burning characteristic	S.No	Time (seconds)	Burning characteristic	
1	-	SF Poi	1	-	SF Poi	
2	-	SF Poi	2	-	SF Poi	
3	-	SF Poi	3	-	SF Poi	
4	-	SF Poi	4	-	SF Poi	
5	-	SF Poi	5	-	SF Poi	
Average		-	Average		-	
Classification			<input checked="" type="checkbox"/> Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3			
<p>Explanation Of flammability Results :</p> <p>DNI Did not ignite.</p> <p>IBE IBE Ignited but extinguished.</p> <p>._ _ sec. Actual burn time measured and recorded by the timing device.</p> <p>SF uc Surface flash, under the stop thread, but does not break the stop thread.</p> <p>SF pw Surface flash, part way. No time shown because the surface flash did not reach the stop thread.</p> <p>SF poi Surface flash, at point of impingement only (equivalent to "Did not ignite" for plain surfaces).</p> <p>._ _ SF only Time in seconds, surface flash only. No damage to the base fabric.</p> <p>._ _ SFBB Time in seconds, surface flash base burn starting at places other than the point of impingement as a result of surface flash</p> <p>._ _ SFBB poi Time in seconds, surface flash base burn starting at the point of impingement.</p> <p>._ _ SFBB poi* Time in seconds, surface flash base burn possibly starting at the point of impingement. The asterisk is accompanied by the following statement : "Unable to make absolute determination as to source of base burns." This statement is added to the result of any specimen if there is a question as to origin of the base burn.</p> <p># Cleansing Condition: The sample was first undergone drycleaning in perchloroethylene with cationic detergent and then washed accordance with AATCC 124-2006, Test No. (1) (IVA(III)), 12 Minutes Machine Wash At 120°F, Normal Cycle, Followed By Tumble Dry Permanent Press.</p>						

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12. Dimensional Stability To Washing.

AATCC TM150-2018t , Machine Wash At 80°F In 1993 AATCC Standard Reference (OBA) Detergent, Normal Cycle, 1.8-Kg Load, Tumble Dry Low)

	<u>Original</u> (Inch)	<u>After 3rd</u> <u>Wash (Inch)</u>	<u>Dimensional</u> <u>Change (%)</u>	<u>Requirement</u>
Neck Opening	10.5	10.2	-2.8	±5%
Body Length	25.2	24.3	-3.5	
Sleeve Length	25.6	24.7	-3.5	
Sleeve Opening	3.9	3.8	-2.6	
Chest	20.8	20.2	-2.9	
Bottom	16.4	15.8	-3.6	
Arm Hole	10.8	10.4	-3.7	
Hood Length	11.5	11.1	-3.4	
Hood Width	10.5	10.2	-2.8	
Draw String	6.5	6.3	-3.1	

REMARK:

(-) Means Shrinkage, (+) Means Extension And (Neg.) Means Negligible

13. Fabric Weight

(ASTM D3776-2020, Option C)

		<u>Requirement</u>
(g/m ²)	283.0	285 ±5%
(oz/yd ²)	8.3	

14. Bursting Strength

ASTM D3786/D3786M - 18 , Option C

		<u>Requirement</u>
Result	81.0 Psi	30 Psi

END OF THE TEST REPORT

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