

TEST REPORT**NUMBER : PAKT24010985****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 T-Shirt Top
Garment Sample Said To Be 100% Cotton, 145
Gm/m², In Vintage Black Color.

Fiber Content : 100% Cotton

End Uses : Adult

Color : Vintage Black

Style No : ZS1601

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 | ** |
| Color Fastness To Crocking | M |
| Color Fastness To Perspiration | M |
| Color Fastness To Accelerated Laundering | M |
| Dimensional Stability To Washing. | M |
| Fabric Weight | M2 |
| 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 = The Sample Conform Within $\pm 5\%$ Tolerance To The Declared Fabric Weight.

** = The Sample Is Exempt From Flammability Testing In Accordance with 16 CFR 1610.1 (d).

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

| | | |
|-----------|-------|----------------------------|
| Cotton(%) | 100.0 | Requirement 100% Cotton |
|-----------|-------|----------------------------|

2. Appearance After Wash

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

After 3rd Wash

| | | |
|---------------|------------------------|------------------------------------|
| Colour Change | W.Sup: 4.5, W/o.Sup: 4 | <u>Requirement</u> Satisfactory |
|---------------|------------------------|------------------------------------|

OBSERVATION :

. Skew: 0.8%
. Slight Creases Were Observed.
. 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.
. No Significant Change Was Observed On Label.
. 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 | 0.8% | <u>Requirement</u> 4% Max |
|--------|------|------------------------------|

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 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 6.6 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 | 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 | |
| | Nylon | 4.5 | |
| | Polyester | 4.5 | |
| | Acrylic | 4.5 | |
| | Wool | 4.5 | |

(The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. This Report Shall Not Be Reproduced Wholly Or In Parts Without Written Approval From The Laboratory. Measurement of Uncertainty will be provided for applicable tests on request.)

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11. Dimensional Stability To Washing.

AATCC TM150-2018t , Machine Wash At 80°F In 1993 AATCC Standard Reference 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 | 8.6 | 8.4 | -2.3 | ±5% |
| Body Length | 25.8 | 25.1 | -2.7 | |
| Sleeve Length | 6.6 | 6.4 | -3.0 | |
| Sleeve Opening | 7.5 | 7.3 | -2.7 | |
| Chest | 19.9 | 19.4 | -2.5 | |
| Bottom | 21.6 | 20.9 | -3.2 | |
| Shoulder | 16.8 | 16.2 | -3.5 | |
| Arm Hole | 8.4 | 8.1 | -3.6 | |

REMARK:

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

12. Fabric Weight

(ASTM D3776-2020, Option C)

| | | <u>Requirement</u> |
|-----------------------|-------|--------------------|
| (g/m ²) | 150.0 | 145 ±5% |
| (oz/yd ²) | 4.4 | |

13. Bursting Strength

ASTM D3786/D3786M - 18 , Option C

| Result | | <u>Requirement</u> |
|--------|----------|--------------------|
| | 39.0 Psi | 30 Psi |

END OF THE TEST REPORT

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