

**TEST REPORT**

HOUSE OF RYVEN

REF NO: ATB-1003

DATE : 29-05-2026



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AUTHORIZED SIGNATORY

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G. RAJEEV  
EXECUTIVE



Grey Scale Rating : **5** Excellent **4** Good **3** Fair **2** Poor **1** Very Poor

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APPLICANT : M/S. HOUSE OF RYVEN  
SAMPLE DESCRIPTION : GARMENT TOP IN KNITTED FABRIC  
COLOUR : BLACK

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TESTS CONDUCTED UPON REQUEST OF THE APPLICANT

**1. DIMENSIONAL STABILITY TO WASHING**

SUBMITTED SAMPLE WAS CONDITIONED AT 21°C ±2°/65% RH ±5% AND WASHED IN FRONT LOADING TYPE OF WASHING MACHINE (IFB MAKE) AT 30°C, WITH ECE REFERENCE DETERGENT (TYPE A) SODIUM PERBORATE AND TAED, NORMAL CYCLE, FOLLOWED BY LINE DRY.TOTAL LOAD: 4LB

|                     | AFTER SINGLE WASH |             |                |
|---------------------|-------------------|-------------|----------------|
|                     | INITIAL (CMS)     | FINAL (CMS) | DIFFERENCE (%) |
| BODY LENGTH (H.P.S) | 73.8              | 70.8        | (-) 4.1        |
| CENTER BACK LENGTH  | 70.4              | 68.0        | (-) 3.4        |
| SLEEVE              | 23.0              | 22.2        | (-) 3.5        |
| CHEST (BODY WIDTH)  | 55.6              | 53.9        | (-) 3.1        |
| HEM                 | 55.5              | 53.4        | (-) 3.8        |

H.P.S – HIGH POINT SHOULDER  
(-) DENOTES SHRINKAGE & (+) EXTENSION

**2. SPIRALITY**

AFTER SINGLE WASH (%) : 3.2

**3. COLOUR FASTNESS TO WASHING**

(ISO 105 CO6 AIM) MODIFIED AT 30°C  
(TEMP-30°C, LIQ VOL:150ml, TIME:45 MIN MECHANICAL WASH , STEEL BALLS:10,ECE DETERGENT:4 gpl )

|               |       |
|---------------|-------|
| COLOUR CHANGE | : 4   |
| STAINING ON   |       |
| ACETATE       | : 4-5 |
| COTTON        | : 3-4 |
| NYLON         | : 4-5 |
| POLYESTER     | : 4-5 |
| ACRYLIC       | : 4-5 |
| WOOL          | : 4-5 |

**4. COLOUR FASTNESS TO RUBBING**

(ISO 105 x 12)

|                    |       |
|--------------------|-------|
| STAINING ON COTTON |       |
| DRY                | : 4-5 |
| WET                | : 2-3 |

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5. WEIGHT PER SQUARE METRE (GRAMS) : 239.3  
ISO 3801

6. BURSTING STRENGTH  
ISO 13938:99

AVERAGE BURSTING STRENGTH (psi) : 134.7

7. RESISTANCE TO PILLING  
( ISO 12945; PART-1:2001)  
(BY ICI TYPE PILL TESTING BOX METHOD)

PILLING RATING : 4  
(AFTER 18000 REVOLUTIONS)

8. FIBRE COMPOSITION

COTTON (%) : 100.0

9. DETERMINATION OF MAXIMUM FORCE TO SEAM RUPTURE USING GRAB METHOD  
(ISO 13935-2)

SLIPPAGE RESISTANCE OF YARNS AT A SEAM FOR  
OPENING OF 6mm (N)

SEAM LOCATION ON GARMENT SIDE SEAM

FABRIC BREAK DOWN AT 210.8

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