

**TECHNICAL SPECIFICATION OF UNIFORM CLOTH MATERIAL (SUITING & SHIRTING/SALWAR) FOR THE ACADEMIC YEAR 2026**

| SINo | Specification   | PV SUITING                           | PV SHIRTING /SALWAR                                       |
|------|---|--------------------------------------|---|
| 1.   | <b>Count of Yarns</b>   |                                      |   |
|      | Warp (ISO 7211-5)   | 20s Ne PV (65:35) (+/- 5%)           | 80 Denier /34 filament texturised polyester yarn (+/- 5%) |
|      | Weft (ISO 7211-5)   | 20s Ne PV (65:35) (+/- 5%)           | 40s Ne PV (70:30) (+/- 5%)                                |
| 2.   | Threads/inch  |                                      |   |
|      | Warp (ISO 7211-2)   | 64 (+/- 5%)                          | 132 (+/- 5%)  |
|      | Weft (ISO 7211-2)   | 56 (+/- 5%)                          | 90 (+/- 5%)   |
| 3.   | BlendCompositionPercent (ISO 1833:2007)   | Warp                                 | 100 % Polyester   |
|      |   | Viscose = 35 (+/- 5%)                |   |
|      | Weft  | Polyester = 65 (+/- 5%)              | Polyester = 70 (+/- 5%)                                   |
|      |   | Viscose = 35 (+/- 5%)                | Viscose = 30 (+/- 5%)                                     |
| 4    | Weight - Mass(Gms/mtrSqr) (ISO 3801)  | 170 (+/- 5%)                         | 110 (+/- 5%)  |
| 5.   | <b>Tensile Strength ,(IS 1969-10985-RA 2009) (Cut Strip Method ) (20 cm × 5 cm)</b> |                                      |   |
|      | Warp Direction  | 84 kgf                               | 50 kgf  |
|      | Weft Direction  | 77 kgf                               | 40 kgf  |
| 6.   | Finished Fabric   | 56<br>(+/- 0.5 inch)                 | 56<br>(+/- 0.5 inch)                                      |
| 7.   | <b>Shrinkage(% Max) (BSEN 5077/6330:1994)</b>                                       |                                      |   |
|      | Warp way  | 2                                    | 2   |
|      | Weftway   | 2                                    | 2   |
| 8.   | Light (AATCC16-3.5)   | 4 and above                          | 4 and above-  |
|      | Washing (ISO 105 CO6: 1997) (A2S)   | 4 and above                          | -   |
|      | Perspiration (IS 971)   | 4 and above                          | -   |
|      | Rubbing (ISO 105 X 12 1995)   | 4 and above                          | 4 and above   |
| 9.   | Pilling resistance (Pill box method) (ISO 12945-1)                                  | 4 and above                          | 4 and above   |
| 10.  | Weave   | Plain                                | Plain   |
| 11.  | Dimension of fabric in cms (IS 1954:1990-RA 2007)                                   | Border Width-1.4 cm (Each side)      |   |
| 12.  | Dye   | Disperse and Reactive                | Optical Brightening agent (OBA) and Peroxide bleach       |
| 13.  | Colour and Shade  | Navy blue as per sample Fabric dyed. | White as per sample                                       |

- No Hazardous Chemicals /Dyes will be used

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**TECHNICAL SPECIFICATION OF UNIFORM CLOTH MATERIAL(KAMEEZ & DUPATTA) FOR THE ACADEMIC YEAR 2026**

| SINo   | Specification                                      | DUPATTA  | KAMEEZ   |
|--|--|--|--|
| <b>Count of Yarns</b>  |  |  |  |
| 1.   | Warp (ISO 7211-5)                                  | 80 Denier /34 filament texturised polyester yarn (+/-5%) | 80 Denier /34 filament texturised polyester yarn (+/-5%) |
|  | Weft (ISO 7211-5)                                  | 80 Denier /34 filament texturised polyester yarn (+/-5%) | 40s Ne PV(70:30) (+/-5%)                                 |
| <b>Threads/inch</b>  |  |  |  |
| 2.   | Warp (ISO 7211-2)                                  | 80(+/-5%)  | 132(+/-5%)   |
|  | Weft (ISO 7211-2)                                  | 56(+/-5%)  | 90(+/-5%)  |
| 3.   | Blend Composition Percent (ISO 1833:2007)          | Warp   | 100% Polyester   |
|  |  | Weft   | 100% Polyester   |
|  |  |  | Polyester 70%( +/-5%)                                    |
|  |  |  | Viscose 30%( +/-5%)                                      |
| 4.   | Weight - Mass(Gms/ mtr Sqr) (ISO 3801)             | 56(+/-5%)  | 110(+/-5%)   |
| <b>Tensile Strength,(IS 1969-10985-RA 2009) (Cut Strip Method ) (20 cm × 5 cm)</b> |  |  |  |
| 5.   | Warp Direction                                     | 30Kgf  | 50Kgf  |
|  | Weft Direction                                     | 20Kgf  | 40Kgf  |
| 6.   | Finished width inch ,Min                           | 30<br>(+/-0.5 inch)                                      | 56<br>(+/-0.5 inch)                                      |
| 7.   | Length in cm                                       | 200 cm(+/-0.5 cm)  | -----  |
| <b>Shrinkage(% Max) (BSEN 5077/6330:1994)</b>                                      |  |  |  |
| 8.   | Warp way   | 2  | 2  |
|  | Weftway  | 2  | 2  |
| 9.   | Light (AATCC 16-3.5)                               | 4 and above  | 4 and above  |
|  | Washing (ISO 105 CO6: 1997) (A2S)                  | -  | 4 and above  |
|  | Perspiration (IS 971)                              | -  | 4 and above  |
|  | Rubbing (ISO 105 X 12 1995)                        | -  | 4 and above  |
| 10.  | Pilling resistance (Pill box method) (ISO 12945-1) | 4 and above  | 4 and above  |
| 11.  | Weave  | Plain  | Plain  |
| 12.  | Dimension of fabric in cms (IS 1954:1990-RA 2007)  | -----  | Border width-1.4 cm( Each side)                          |
| 13.  | Dye  | Optical Brightening agent (OBA) and Peroxide bleach      | Disperse and Reactive                                    |
| 14.  | Colour and Shade                                   | White as per sample                                      | Navy blue as per sample<br>Fabric dyed                   |

- No Hazardous Chemicals /Dyes will be used

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