

Present Specification - ~~SHIRTING~~ "ARISTOCRAT SHIRTING" - 67/33, POLYESTER/COTTON
 SPUN X SPUN 89/90 CMS WIDTH PLAIN WEAVE FAWN SHADE - SHIRTING **Answer - B**

Based on IS Specification - Fawn Shirting

| Sl. No. | Specification | Proposed parameters, |
|---------|--|--|
| 1 | Colour | Fawn Shade |
| 2 | Identification of fibre (IS : 667) Warp way Weft way | Polyester + Cotton Polyester + Cotton |
| 3 | % Composition (IS : 3416) Polyester Cotton | 67% \pm 2% 33% \pm 2% |
| 4 | Ends / dm (ASTM-D3775) Picks/dm | 400 + / - 5% 400 + / - 5% |
| 5 | Warp Count (Ne) 2 ply doubled Weft Count(Dn) (ASTM-D 1059) Mass (g/m ²) - ASTM-D 3776 | 2/80 ¹ + 5% (2ply double spun yarn) 2/80 ¹ + 5% (2ply double spun yarn) 105 + 5 % / - 2% |
| 7 | Length in metres, min. | 4.4 / 4.6 / 5 / 6 mtrs for stitching 2 f/s st |
| 8 | Width in cms (ASTM —D 3774) | 90 \pm 1 |
| 9 | Tensile Strength : a) Warp Strength Kgf., min. b) Weft Strength Kgf., min. | (IS 1969) - 5 x 20cms Strip size 65 65 |
| 10 | Crease Recovery Angle , min (IS : 4681) Warp way Weft way | 130° 130° |
| 11 | Pilling rating IS 10971 (After 18000 revolutions) | 4-5 |
| 12 | Tear Strength (ASTM — D 1424) Warp Tear Strength gf., min Weft Tear Strength gf., min | 2000 2000 |
| 13 | Air permeability cfm (ASTM D — 737) min | 18 |
| 14 | % shrinkage to relaxation , max (IS 2977) a) Warp way b) Weft way | 1 1 |
| 15 | % shrinkage (hot condition) at 105° \pm 2° C, max (IS:11248) a) Warp way b) Weft way | 2 2 |
| 16 | pH value of Aqueous extract (IS : 1390) | 6 to 8 |
| 17 | Minimum colour fastness rating to a) Light (IS : 2454) b) Washing (IS : 764) c) Rubbing (IS : 766) d) Perspiration (IS : 971) e) Hot pressing, dry and wet (IS : 689) | 5 4 4 4 4 |
| 18 | Weave | Plain |