

Users - Direct / Indirect Male Employees & Executives

Present Specification - GABERDINE CLOTH 1.3 MTR "NEW GRAND SHIRTING" 67/33 POLYESTER/COTTON SPUN ~~100% COTTON~~, CADBURY SHADING SUITING

Based on IS Specification - Cadbury Suiting

Sl. No	Specification	Proposed parameters
1	Colour	Cadbury Colour
2	Fabric blend Composition % Polyester Cotton	67 ±5% 33 ±5%
3	Ends / dm (ASTM-D3775) Picks / dm	gaberdine 330 +5% / -2.5% 250 +5% / -2.5%
4	Warp Count/ Ne (ASTM-D 1059) Weft Count/ Ne	2/30 <sup>s</sup> ± 5% 2/30 <sup>s</sup> ± 5%
5	Mass (g/m <sup>2</sup> ) ASTM-D 3776	240 + 5% / - 2.5 %A
6	Length in metres , min	2.6 meter for stitching 2 pants
7	Width in cms, min ASTM —D 3774	147
8	Tensile Strength on 5x20cm strip : IS 1969 Warp Strength Kg Min Weft Strength Kg Min.	  140 110
9	Crease Recovery, IS 4681 Warp recovery angle, min Weft recovery angle, min	 130° 130°
10	Pilling rating IS 10971 (After 18000 revolutions)	4 or better
11	Tear Strength : ASTM — D 1424 Warp Tear Strength gf.,min Weft Tear Strength gf.,min	 6400 6400
12	% shrinkage to relaxation max. IS 2977 Warp way Weft way	 2 2
13	% shrinkage (hot condition) at 105° ±2° ,max. IS : 11248 Warp way Weft way	 2 2
14	pH value of Aqueous extract IS 1390	6 to 8
15	Minimum colour fastness rating to : Light IS : 2454 Washing IS : 764 Rubbing IS : 766 Perspiration IS : 971 Hot pressing, dry & wet IS : 689	 5 4 4 4 4
16	Weave	2/2 gaberdine