

**BHARATH HEAVY ELECTRICALS LIMITED
R. C. PURAM : : HYDERABAD 500 032.**



ANNEXURE-A-

SPECIFICATION FOR SUITING

SUITING 80/20-300 DN GABERDINE SMOKE GREY SHADE

SPECIFICATION FOR FINISHED FABRIC

- | | | |
|-----------------------------------|-----------------------------|----------------------------------|
| 1. Width | : | 150 ± 1cm |
| 2. Yarn number – ne – warp | : | 2/30s ± 5 % |
| WEFT | : | 300 ± 5 % |
| 3. Thread density per inch – Ends | : | 90 ± 5 % |
| Picks | : | 66 ± 5 % |
| 4. Weight per Sq. Mr. gms | : | 240 ± 5 % |
| 5. Breaking Strength – kgf | : | |
| 20 x 5 cm ravelled strip warp | | 150 min + 10 |
| weft | | 125 min + 10 |
| 6. Crease recovery angle – Deg | : | 260 (255 minimum) |
| Warp + waft (Initially and | | |
| After three repeated washing | | |
| As will) | | |
| 7. Shrinkage when heated % | - Warp : 2.0 max | |
| | - Weft : 2.0 max | |
| 8. Relaxation shrinkage % | - Warp : 1.0 max | |
| | - Weft : 1.0mx | |
| 9. PH of aqueous extract | | : 6 to .8 % |
| 10. Water solubles % | | : 1 (max) |
| 11. Colour fastness test | | |
| a) Light | - Class | : 5 or better |
| b) Washing | - Change in colour | : 4 or better (after 4 washings) |
| | Staining on undyed | |
| | Piece. | : 4 or better (after 4 washings) |
| c) Perspiration | - Acidic | |
| | Change in colour | : 4 or better |
| | Staining on undyed | : 4 or better |
| | Piece | |
| | Alkaline – change in colour | : 4 or better |
| | Staining on undayed piece | : 4 or better |
| 12. Fibre composition – warp | P/C % | 80/20 ± 3 |
| weft | P/C % | 100/0 |
| 13. Pilling (after 5 Hrs of test) | | : 4 or better |
| 14. Rubbing | | : 4 or better |
| 15. Overall Blend P/C % | | : 80 / 20 + 2 |

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Polyster - 80%
Cotton - 20%
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