



IAFS 01061: 2013  
**Appendix 'E'**  
 (Refers to Clause 6.2)

**REQUIREMENTS FOR FABRIC**

PROPERTY	TEST METHOD	MINIMUM VALUE
Colour	Visual	Navy Blue
Composition	IS 667: 1981	Nylon 66
Mass Per Unit Area	IS 7016 (Part 1): 1982	90 ± 10 gm
Breaking Strength	IS 7016 (Part 2): 1982	Warp 100 kg Weft 70 kg
Tearing Strength	Revised Single Rip Method	Warp 4 kg Weft 4 kg
Water Proof. @ 150 cm per hour	IS 7016 (Part 7): 1986 (Low Pressure Method)	No Leakage
Moisture Vapour Transmission Rate @ 23 Deg C & 50 % RH	ASTM E-96-95 (Method B)	1.0 mg / sq cm / hour
Spray Rating	IS 390: 1975	80 min
Nature of Water Proofing Layer	Not Applicable	Breathable Membrane
Mass Per Unit Area of the Membrane	IS 7016 (Part 1): 1982	25 ± 5 gm
Resistance to De- Lamination	IS 7016 (Part 4): 2003	75000 Flexing Cycles