

# SOFIA

## S Y N T H E T I C L E A T H E R

SR. NO.	TEST	UNIT	TEST MEHTOD / TEST STANDARD	SPECIFIED VALUE
1	<b>Brand Name</b>	.....	.....	<b>SOFIA</b>
2	Colour	.....	.....	As Applicable
3	Pattern of Grain, Embosing & Finish	.....	.....	As Applicable
4	Coating of Polymers	.....	.....	PVC
5	Base Fabric	.....	.....	PV Hosiery
6	Appearance	.....	IS:1259	Shall have uniform surface finish, free from defects such as blisters, bubbles & pin holes.
			IS:8698	
			IS:7016	
7	Thickness	mm	IS:7016 (Part I) - 1982	0.70 +/- 0.05
8	Width	mm	IS:7016 (Part I) - 1982	1370 (min.)
9	Roll Length	Mtrs.	IS:7016 (Part I) - 1982	30
10	Weight of Finish Fabric	Gm/m2	IS:7016 (Part I) - 1982	530 min
11	Adhesion of Coating		IS:7016 (Part 5) - 2003	
	Warp			2.00 min
	Weft			2.00 min
12	Resistance to heat & Loss of mass of coating at 100°C for 24 hours.	%	IS: 1259 - 1984	Shall not show stickiness & loss of weight shall not be > 4%
13	Resistance to cold	.....	SI:1259 - 1984	Shall Pass
14	Colour Fastness to Dry & wet rubbing	.....	SI:1259 - 1984	Shall Pass
15	Colour fastness to light	Rating	SI:1259 - 1984 Appendix - D	Minimum 4
16	Breaking Strength	Kgf/5cm	IS:7016 (Part II) - 1982	
	Warp			20.00 min
	Weft			10.00 min
17	Elongation at break	%	IS:7016 (Part II) - 1982	
	Warp			25.00 min
	Weft			150.00 min
18	Tear Strength	kgf	IS:2076 (Appendix C, Method C2)	
	Warp			2.00 min
	Weft			2.00 min
19	Gelling Test	.....	IS:8698 - 1984	Shall pass
20	Surface Resistance to chemicals	.....	SI:1259 - 1984	Shall pass
21	Resistance to damage by flexing	Cycles 2000000	IS:7016 (Part 4) - 1987 (De Mattia Method)	No cracks Observed
22	Colour Differance	dE	Spectrophotometer	< 1.0

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ISO 18001

ISO 14001

ISO 9001