

RAILWAY (CG-07)

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

SR. NO.	TEST	UNIT	METHOD OF TEST	SPECIFIED VALUE
1	Width	mm.		1270 (min.)
2	a) Mass of coated fabric	g/m ²	IS: 7016 (Part 1)	700 (min.)
	b) Mass of coating		IS: 7016 (Part 1)	600 (min.)
3	Length	mtrs.		30(min)
4	Thickness of coated fabric	mm.	IS: 7016 (Part 1)	0.75 +/- 0.10
5	Breaking strength			
	a) Direction 'A'	Kg/5cm	IS: 7016 (Part 2)	55 (min)
	b) Perpendicular to direction 'A'			40 (min)
6	Resistance to damage by flexing		IS: 7016 (Part 4)	
	(No of 'flexing cycles in thousands)			
	(None of the specimen show any signs of cracking i.e. stage Nil of IS : 7016)	-	(De Mattia Method)	1000 (min)
7	Tearing strength in either direction		Method C2 of	
	Warp	Kg	Appendix C of	4.0(min.)
	Weft		IS: 2076	4.0(min.)
8	Resistance to heat and loss of mass of coating (Maximum) on heating for	%	Appendix B of IS: 1259	No sign of exudation or stickiness
	a) 24 hrs. at 100+/- 2° C			4%
	b) 100 hrs. at 120+/- 2° C			5%
	c) 400 hrs. at 120+/- 2° C			10%
9	Colour fastness to dry and wet rubbing.	-	Appendix C of IS: 1259	Shall not stain
10	Colour fastness to day light Or Accelerated fading test	-	Appendix D of IS: 1259 or Appendix E of IS: 1259	Not less than no. 4
11	Dimensional change (maximum)	%	Appendix F of IS: 1259	2.0(max.)
	(Shrinkage in warp or weft direction)			2.0(max.)
12	Surface resistance to chemicals	-	Para 4.12 of IS: 1259	No deterioration in shade & fastness No tackiness
13	Adhesion of coating (minimum)	Kg		2.0 kg/5cm
	Warp		ASTM D751	
	Weft			
14	Resistance to spread of flame	Class	Appendix -5 of UIC-564-2 OR	Min. Class 'B'

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ISO 18001

ISO 14001

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