



### Technical Particulars for Webbing Nylon 51 mm, 7583 N (773 kgf) BS, Dyed/Undyed

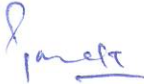
Sl. No.	Parameters	Specified Values	Test Method
1	Width, mm	51±1.5	IS: 1954
2	Thickness, mm, max (at 200 g/cm <sup>2</sup> Pressure)	0.89	IS: 7702
3	Mass, g/m, max	24.8	IS: 4727
4	Breaking Strength, N (kgf), min	7583(773)	IS: 1969
5	Extension at break, %, min	18	IS: 1969
6	Constructional Parameters		
	i) Linear Density of Yarn, Tex [tolerance: (-)5% to (+)10%] Warp	93.3×1	IS: 3442
	Weft	11.1×1	
	ii) No. of ends in full width, min	192+1ILT	IS: 1963
	iii) Picks/dm, min	310	
7	Twist per meter (TPM), min		
	Warp	100	IS: 832
	Weft	100	
8	Weave	2/2 HBT, 3 reversal at equal intervals, 2 picks/shed	Visual
9	Material	Bright, High Tenacity, Multifilament, Nylon 6 or Nylon 66 Yarn	IS: 667/IS: 5762
10	Colour Fastness to Light*	5 or better	IS/ISO 105-B01 or IS/ISO 105-B02
11	Colour Fastness to Washing*	4 or better	IS/ISO 105-C10[Test Number A(1)]
12	pH Value	5.5 – 8.5	IS: 1390 Cold Method


\*: applicable for dyed varieties

**Note:** These technical particulars are tentative and these may undergo certain amendments during development, if required.

  
Sandeep Anand  
TO 'B'

  
Dev Kishan Bairwa  
Scientist 'B'

  
Prasanta Kumar Mallik  
Scientist 'E', DH, TG(TE)

  
Gaurav Singh  
Scientist 'F', GD, TG(TE)