

TECHNICAL PARTICULARS FOR FABRIC NYLON, 190 GSM, DYED/UNDYED

SL. No.	Parameters	Specified Value	Test Method
1	Roll length, m, min.	100 or its multiple or as agreed between the buyer and the seller	IS: 1954
2	Width, cm, min	120 or as agreed between the buyer and the seller	IS: 1954
3	Mass, gsm	190±5	IS: 1964
4	Thickness at 200 g/cm ² Pressure, mm, max	0.32	IS: 7702
5	Breaking Strength (test strip 5 x 20 cm), N, min Warp Weft	2256 2158	IS: 1969
6	Extension at Break, %, min, Both ways	20	IS: 1969
7	Air Permeability, ft ³ /ft ² /sec at 10'' W.H.P	3 - 6	IS: 4726 (App. A)
8	Nominal Linear Density of Yarn, Tex, Both ways (Tolerance : -3 to +8%)	46.7x1	IS: 3442
9	Threads density per dm Warp Weft	190±2% 180±2%	IS: 1963
10	Weave	Plain	Visual
11	Material	Bright, High Tenacity, Multifilament, Industrial grade, Heat & UV stabilized Nylon 6/ Nylon 66 yarn	IS: 5762
12	Twist in Yarn	Any yarn twist (warp & weft) is acceptable, provided all requirements for this Tech Part are met	IS: 832
13	Colour Fastness to Light*	5 or better	IS:2454
14	Colour Fastness to Washing*	4 or better	IS: 687
15	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 developmental trials, if required.

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