

TECHNICAL PARTICULARS FOR CORDAGE, NYLON, CORELESS, 250 kgf

SI No.	Test parameters	Specified values	Test Method
1	Mass, g/100m, max	800	IS: 4437 App. 'B'
2	Breaking strength, kgf, min (Grip Distance 15 cm)	250	IS: 4437 App. 'C'
3	Extension at Break, %, min	20	IS: 4437 App. 'C'
4	Nominal Yarn Linear Density, Denier X Ply a. Sheath Yarn b. Core yarn	210 X 3 X 3 No Core	IS: 3442
5	Constructional Parameters a. No. of Spindles b. No. of ends/spindle c. Total no. of ends d. Plaits/dm	16 2 32 40-50	IS: 4437 App. 'A' App. 'C'
6	Yarn Twist per meter, TPM	Single: 300±20 Ply: 270±20 Cable: 250±20	IS: 832
7	Material	Bright High Tenacity (not less than 7 gpd), Multifilament, Industrial Grade, Nylon 6/Nylon 66 Yarn	IS: 5762
8	Visual Inspection	Appendix 'B' of ADRDE/SPECN/2000/55	

Note:

- None of the above parameters are suggestive in nature. Firm has to strictly follow 'Nominal Yarn Linear Density' & 'TPM'.
- However, these technical particulars are tentative and it may undergo certain amendments during development followed by limited production. Based on the optimized parameters the final specification of the item will be drawn and vetted by SRC, ADRDE.

11/04/10
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