

**TECHNICAL PARTICULARS FOR SEWING THREAD, NYLON 66, UNDYED / DYED,
NON-BONDED, 4.1 kgf BS / BONDED, 4.5 kgf BS**

S. No.	Test Parameters	Specified Value		Test Method
		Non-bonded/ Soft finish	Bonded	
1	Structure of Thread i. Nominal Linear Density of Yarn, Tex * ii. No. of Plies	23.3 3		IS: 3442
2	Length per unit mass, m/kg	11600-17500	10400-15700	IS: 4910 (Part 2)
3	Breaking Strength, min, kgf (on 250 mm gauge length)	4.1	4.5	IS: 4910 (Part 3)
4	Extension at Break, max, %	28		IS: 4910 (Part 3)
5	Material	Bright, High Tenacity (minimum 7.5 gpd), Multifilament, Industrial Grade, Heat & UV Stabilized Nylon 66 Yarn		IS: 5762
6	Finishing / Bonding	-	Finishing and bonding agents shall not contain substances known to promote microbiological growth	Clause 4 of IS: 4229
7	Final Twist (TPM), min	250		IS: 832

* Tolerance for Non-bonded thread is (-)5% to (+)10% and for Bonded thread is (-)5% to (+)21%.

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