

YARN TESTING

S. No.	Tests	Quantity Required	Test Charges per Sample	
			USD (\$)	EURO (€)
23)	Moisture Content by Oven Drying	200 g	5	4
24)	Yarn Number with CV%	10 - 20 Packages	5	4
25)	Lea Strength		4	3
26)	Lea Strength with CV%		5	4
27)	CSP with CV%		10	8
28)	RKM, Elongation and their CV%	10 - 20 Packages	14	10
29)	Single Yarn Strength and Elongation with CV% (Flat Multifilament on Instron or Zwick)	10 - 20 Packages	9	6
30)	Single Yarn Twist	10 - 20 Packages	5	4
31)	Ply Yarn Twist	10 - 20 Packages	5	4
32)	Cords and Cables Twist	10 - 20 Packages	7	5
33)	Single and Doubling Twist in Two Fold Yarn	10 - 20 Packages	9	7
34)	Snarling Twist	10 - 20 Packages	7	5
35)	Evenness of Sliver		9	6
36)	Evenness of Roving		9	6
37)	Evenness of Yarn (with imperfections only)		9	6
38)	Evenness of Yarn with Imperfections and Hairiness	10 - 20 Packages	10	8
39)	Evenness of Yarn with Imperfections, Hairiness and Fabric simulation (woven/knitted)	2 m	17	13

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40)	Hairiness Index on Zweigle Tester		7	5
41)	Yarn Appearance Grade (ASTM) for Cotton Yarn	10 - 20 Packages	4	3
42)	Identification – Yarn Type			
	✓ Texturised or Non Texturised (one direction)		5	4
	✓ (Both direction)		9	6
	✓ Ring Spun or Rotor Spun (one direction)		4	3
	✓ (Both direction)		8	6
43)	Shrinkage in Boiling Water or Dry Heat	10 Packages	7	5
44)	Number of Filaments in Multifilament Yarn	10 Packages	5	4
	✓ Up to 80 filaments			
	✓ Above 80 filaments	10 Packages	8	6
45)	Length of Yarn on Spool	10 Packages	7	5
46)	Fibre Identification (Per Type of Fibre)	100 g	5	4
47)	Strength of Yarn Removed from Fabric			
	✓ Warp/Weft		5	4
	✓ Both		9	6
48)	Yarn Diameter on Projection Microscope	1 Cone	7	5
49)	Yarn Co-efficient of Friction (Yarn to Metal)	6 Packages	7	5