

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
✓	OTHER TECHNICAL TEXTILES		
	I. THREADS (ABOVE 2000 D)		
222)	Tensile Strength		750
	II. NARROW FABRIC		
	Hook & Loop		
223)	➤ Peel Strength [IS 8156]	6 m	1200
	➤ Shear Strength [IS 8156]	6 m	1200
224)	Seat Belt Strength	5 m	2000
225)	Tape / Webbing Strength & Elongation	5 m	1200
226)	Hot Water Shrinkage of Webbing	5 m	750
227)	Tensile Strength & Elongation	5 m	900
228)	Belt for Lift [J635590]	5 m	1200 per specimen
	III. CONVEYOR BELT UPTO 12 MM THICK (DUMBBEL SHAPE)		
229)	Ply adhesion strength		1500
230)	Thickness of cover and belt		500
231)	Full thickness tensile strength and elongation	Prepared Sample Specimen	3000

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
232)	Troughability		500
	IV. NYLON ROPES UPTO 12 MM		
233)	Tensile Strength for ropes / cordages [IS: 7071]	6 m	1500
234)	Tensile Strength for braided nylon cords [IS: 4227 / IS: 7071]	6 m	1500
235)	Diameter of Rope [IS: 7071]	5 m	300
236)	Linear Density [IS: 7071]	5 m	550
	V. COMPOSITES		
	Glass Composites		
237)	Flexural Strength	1 m ²	350 per piece
238)	Lap Shear Strength [ASTM D: 5868]	1 m ²	350 per piece
	Glass Composites / Mats		
239)	Thermal Conductivity [ASTM C: 518]	1 m ²	2500
240)	Mass per square metre [ASTM D: 3776 / ISO: 3801 E]	1 m ²	500
241)	Tensile Strength [ASTM D: 5035]	1 m ²	1200
242)	Thickness [ASTM D: 1777]	1 m ²	350
243)	Density	1 m ²	600
	Other types of Composites		

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
244)	Tensile properties of polymer matrix composite materials [ASTM D:3039]		1500 (MINIMUM) OR 500 PER PIECE
245)	Carbon fibre reinforced fabric-unidirectional laminates [DIN EN 2561]		1200 (MINIMUM) OR 300 PER PIECE
246)	Compressive properties of polymer matrix composite materials [ASTM D:3410]		3000
247)	Compressive properties of rigid cellular plastics [ASTM D:1621 / BS EN ISO 844]]		3000
248)	Short beam strength of polymer matrix composite materials (ILSS) [ASTM D:2344]		4000
	VI. GLASS ROVING / FABRICS		
249)	Mass per square metre [IS: 5746 Part 1]	1 m ²	500
250)	Yarn Number [IS: 5746 Part 1]	1 m ²	500
251)	Thickness [ASTM D: 1777]	1 m ²	350
252)	Breaking Strength & Elongation at Break [ISO: 3341 / IS: 5746-1]	2 m ²	1200
253)	pH of Aqueous Extract	0.5 m	400
254)	Glass Content	0.5 m	860
255)	Twist in glass roving		500

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	VII. RIGID PANEL		
256)	Ultimate Tensile Strength [ASTM D:3039]	<i>For sample preparation, extra charges</i>	1500
257)	Compressive Strength or Compressive Modulus [ASTM D:695]		1500
258)	Izod Impact (Joules per cm) [ASTM D:256]	Prepared Specimen	1500
259)	Flexural Strength or Flexural Modulus [ASTM D:790]		1200
260)	Cutting Charges – <i>extra</i>		1500
	VIII. TURF REINFORCEMENT MATS		
261)	Mass per Unit Area of Turf Reinforcement Mats [ASTM D6566]	1 m ²	600
262)	Tensile Properties of Turf Reinforcement Mats [ASTM D6818]	1 m ²	2000
	IX. WEBBING & BELTS		
263)	Breaking force test of belt [J635590]	6 m	2000
264)	Strength & elongation of webbing, tape & Braided materials [ASTM D 6775]	6 m	600
	X. TECHNICAL TEXTILES & PLASTICS		
265)	Tensile properties of paper & paper boards [ASTM D 828]	1 m ²	3000
266)	Flexural properties of Plastic & insulating materials [ASTM D 790]	Prepared sample specimen	1500 (MINIMUM) OR 500 PER PIECE

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
267)	Tensile Properties of Plastics [ASTM D 638]	Prepared sample specimen	1500
268)	Tensile strength & elongation-Rubber, plastic coated fabrics [ISO 1421]		2500
269)	Compressive properties of rigid plastics [ASTM D 695]	0.25 m ²	3000
270)	IZOD Impact resistance of plastics [ASTM D 256]	Prepared sample specimen	2000
271)	Tensile properties of thin plastic sheeting [ASTM D 882]	Prepared sample specimen	1500
272)	Tensile strength of carbon fibre laminates [DIN EN 2561]	1 m ²	4000
273)	Thermal insulation properties [ASTM C 518 / IS 3144]		2600