

Sl. No.	Tests	Minimum Quantity Required	Test Charges (Rs.) per Sample
	SPECIAL & POLYMER TESTING [@] [[@] - <i>In case of Special / specific Testing, rates may vary for samples depending upon special testing conditions or actual machine run time</i>]		
99)	X-ray Diffraction <ul style="list-style-type: none"> ➤ Mineral Analysis ➤ Chart Diffraction (5 to 40°) ➤ Additional 10° Scan or part of it 	-	2200 2000 200
	➤ Fibre Orientation Angle (Per Peak)	-	600
	➤ Material Identification (By Comparison with Standards)		2000
100)	UV Protection Factor [AATCC-183] [EN 13758]		1000
101)	Surface Tension – <i>drop volume method (or) contact angle method</i>		1250
102)	EMI Shielding Effectiveness [ASTM D 4935]	0.5 m	2000
103)	F.T.I.R. Spectroscopy – scan only	-	1725
	➤ Material Identification (Using Standard Library)	-	2000
	➤ Material Finish Identification after Extraction	-	2600
	Static Charge Properties		
104)	➤ Total Charge Developed and Half Decay Time [ASTM D:4238]	100 g / 0.25 m	1500
105)	➤ Surface Resistivity [ASTM D:257]	0.5 m	1250
106)	➤ Volume Resistivity	0.5 m	1200
107)	Particle Size Analysis	-	1500

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	Thermal Analysis		
108)	☞ Thermo Gravimetric Analysis [TGA]		
	♣ RT -> 350°C @ 10°C per min	-	2000
	♣ RT -> 350°C @ 5°C per min		3600
	♣ Above 350°C, per each 100°C @ 10°C per min or part of it [extra]		100
	♣ Temperature Resistance up to 990°C		1900
	♣ Temperature Resistance up to 800°C		1700
	♣ Material Identification [TGA / DSC]		2000
	♣ Copper wire		2200
109)	☞ Differential Scanning Calorimetry (DSC)		
	➤ 35° - 350° or part of it @ 10° per min	-	2000
	➤ 35° - 350° @ 5° per min	-	3670
	➤ Below ambient on lower side per 10°C [extra]	-	250
	➤ Above 350°C, per 50°C or part of it [extra]	-	100
110)	Gel Permeation Chromatography (GPC) for Molecular Weight Distribution		
	➤ Water as Mobile Phase		3500
	➤ Organic Solvent as Mobile Phase [THF or Chloroform]		4500
	➤ For PET using HFIP as Solvent		5500
	➤ If only one sample, <u>additional charges</u> to the above will be charged.		1000
111)	Melt Spinning Experiments (For 1 kg Material)	-	15000
112)	Refractive Index of Liquids (Abbe's Refractometer)	100 ml/g	800

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113)	Contact Angle		1000