

Test Charges (Composites Testing - Mechanical)		2015-16
Sr No	Test Properties	(Set of 05 specimen)
1	Tensile strength (Ambient temp)(Up to Thickness 8mm)	1500
2	Tensile Modulus (with extensometer) (Up to Thickness 8 mm)	2000
3	Tensile Elongation(with extensometer)	2000
4	Tensile strength (Ambient temp)(> Thickness 8mm)	3000
5	Tensile Modulus (with extensometer) (> Thickness 8 mm)	4000
6	Tensile Elongation(with extensometer)(> Thickness 8 mm)	4000
7	Flexural strength	1500
8	Flexural Modulus(without extensometer)	1500
9	Compression strength	1500
10	Compression Modulus (without extensometer)	1500
11	Ultimate Bearing strength	2000
12	Izod Impact strength	1000
13	Notching charges	1000
14	Charpy Impact strength	1000
15	Poission Ratio	8000
16	Short Beam strength/ILSS	3000
17	In-plane shear strength	10000
18	HDT	1500
19	VICAT	1500
20	Barcol Hardness	1000
21	Density	800*
22	Glass content/Fibre Volume Fraction	1000*
23	Water Absorption (24 Hrs)	1000*
24	DSC Tg	3000**
25	DMA Tg	2500**
26	Full section MOE(3-Point Bending method)	10000***
27	Full section shear modulus (3-Point Bending method)	15000***
28	Full section (Buckling/compression)	15000
29	Instrumented Puncture Impact test	5000
30	Resin cast sheet making	5000
31	Laminate Making by Infusion method	7000
32	Lap Shear strength	5000
	* SET OF 03 SPECIMEN	
	** ONE SPECIMEN	
	*** SET OF 03 SPECIMEN	

Test Charges (Composites Testing - Heat and Flame)**2015-16**

Sr No	Test Properties	Test Charges per sample
1	Flammability Test	2500
2	Toxicity Index	45000
3	Limiting Oxygen Index (at ambient temp)	5000
4	Limiting Oxygen Index (at elevated temp)	10000
5	Optical Smoke Density	20000
6	Heat Release rate by cone calorimeter method	20000
7	Ignitibility /Single Flame Source test	8000
8	Flooring Radiant Panel	80000
9	IMO/Lift Spread of Slame	100000
10	Resistance to spread of flame- Appendix -5 of UIC 564-2	5000