

Quality Assurance

A full fledged air conditioned laboratory fitted with a digital temperature & humidity indicator is available :

S.No.	Machine	Make	Nos.	Year	Remarks
1	Tensile testing machine I. 2000 Kg II. 250 Kg	Enkay PSI	1 1	1998 1997	Testing speeds of 5 & 25 mm/min. Self tightening grips
2	Rockwell hardness tester	Saroj	1	1998	Rockwell 'R' scale
3	Melting point apparatus	Mac	1	1998	Capillary tube type
4	Single Pan weighing balance	Mac	1	1998	Least count 0.1 mg
5	Muffle furnace	Mac	3	2003	Range 0 – 1200 ° C
6	Shore 'A' Hardness Tester	Modex	2	1998 2001	Along with standard hardness test block
7	Melt flow index tester	PSI	1	2003	Digital
8	Digital vernier calipers	Mitutoyo	2	1999 2004	0 – 150 mm
9	Digital Weighing Balance	CAS	3	2003	0 – 100 Kg
10	Load Compression Machine	PSI	1	1997	25 Tons
11	Million Megaohm meter	Sigma	1	1997	Along with standard resistance Box
12	Izod Impact Tester	PSI	1	2003	-----
13	Plastic Compression Machine	S.C Dey & Co.	1	2003	-----
14	Other laboratory apparatus like Silica crucibles, tongs, etc.	Local	Sufficient quantity	1998	-----
15.	Ageing Ovens	PSI	2	1998	Along with compression sets and tension sets
16.	Thickness dial gauge	Baker	1	1998	-----
17.	Dumbell cutting die	Prolific	2	1999	As per standards
18.	Desiccators	Local	2	2000	-----
19.	Laboratory temperature & humidity indicator	Philip	1	2001	-----