

ngplastics,corp.

PC

	Tensile Strength ASTM D638 kg/cm2	Flexural Modulus ASTM D790 kg/cm2	Izod Impact Strength ASTM D256 kg.cm/cm	HDT ASTM D648 C	Dielectric Strength ASTM D149 KV/mm	Mold Shrinkage 3 mm t %	Specific Gravity ASTM D792 ----	Water Absorption ASTM D570 %
10% Glass-Fiber Reinforced	1100	52000	12	143	18	0.2-0.5	1.29	0.13
30% Glass-Fiber Reinforced	1300	75000	12	145	18	0.2-0.5	1.43	0.11
Flame Retardant, Unreinforced (UL94 V-0)	630	23000	80	135	18	0.5-0.7	1.22	0.23
Flame Retardant,10% GF Reinforced (UL94 V-0)	700	35000	10	142	20	0.2-0.5	1.25	0.16
Flame Retardant, 20% GF Reinforced (UL94 V-0)	1100	52000	12	142	20	0.2-0.5	1.34	0.14
Flame Retardant, 30% GF Reinforced (UL94 V-0)	1300	75000	12	145	20	0.2-0.5	1.43	0.12
PC/PBT Alloy	560	24000	80	90	----	0.2-0.7	1.17	----
PC/PET Alloy	600	24000	80	110	----	0.2-0.6	1.22	----
PC/ABS Alloy	620	24000	75	100	----	0.3-0.6	1.12	----
Flame Retardant, PC/ABS Alloy (UL94 V-0)	580	25000	50	100	25	0.2-0.7	1.2	----