
	ALLOYS & BLENDS SYNOLATE(PC/PBT)												
Properties	STANDARD ASTM	Unit	EA4701 M600 (PC/PBT)	EA4702 (PC/PBT) GF10									
Flow													
Melt Flow Index @ 260C & 2.16 Kg load	D1238	gms/10 min	4- 10	12-16 (250C & 5 Kg)									
Mechanical													
Tensile Strength @ Yield 50 mm/min	D638	MPa	50 - 65	50 - 65									
Tensile Elongation @ Yield	D638	%	10 -14	4 - 8									
Flexural Strength 5 mm/min	D790	MPa	78 - 90	85 - 95									
Flexural Modulus	D790	MPa	2200 - 2700	2000-3000									
Izod Notched Impact Strength	D256	J/m	500 - 800	500 - 800									
Thermal													
Heat Deflection Temperature Under Load (B)1.82MPa	D 648	C	110 - 115	88 - 96									
Vicat Softening Temperature (B)	D 1525	C	135 - 142	-									
Others													
Density	D 792	gms/cc	1.10 - 1.15	1.20-1.24									
Flammability Test @ 3mm thickness	UL 94		-----	----									
Filler Content	D 5630	%	-	-									
Hardness	D 2240	Shore D	-	-									

* Typical values represent an average for the samples tested using standard procedures.

The data indicated are intended as guides and do not reflect product specifications for any particular property

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