

	ALLOYS & BLENDS SYNOFIN(PC/PO)												
Properties	STANDAR D ASTM	Unit	HA4701 M500 (PC/PO)										
Flow													
Melt Flow Index @ 260C & 2.16 Kg load	D1238	gms/10 min	12 - 30 (300C&1.2 Kg)										
Mechanical													
Tensile Strength @ Yield 50 mm/min	D638	MPa	50 - 60										
Tensile Elongation @ Yield	D638	%	10 -14										
Flexural Strength 5 mm/min	D790	MPa	65 - 88										
Flexural Modulus	D790	MPa	1800 - 2800										
Izod Notched Impact Strength	D256	J/m	800 - 1000										
Thermal													
Heat Deflection Temperature Under Load (B)1.82MPa	D 648	C	125 - 132										
Vicat Softening Temperature (B)	D 1525	C	148- 154										
Others													
Density	D 792	gms/cc	1.14 - 1.18										
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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