



**BLEND & ALLOYS**  
**SYNOFIN( Modified PC/PO)**

Properties	STANDARD ASTM	Unit	HA4701 M500 (PC/PO)					
<b>Flow</b> Melt Flow Index @ 260°C & 2.16 Kg load	D1238	gms/10 min	12 - 30 (300 °C & 1.2 Kg)					
<b>Mechanical</b> 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					
<b>Thermal</b> Heat Deflection Temperature Under Load (B)1.82MPa	D 648	°C	125 - 132					
Vicat Softening Temperature (B)	D 1525	°C	148- 154					
<b>Others</b> 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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**GUJARAT PETROSYNTHESE LIMITED**

**Polymer Alloys & Blends Division**

No.24, II Main, Phase I, Doddanekkundi Indl. Area

Mahadevapura Post, Behind Graphite India Ltd., Bangalore-560048

Phone : 91-080-28524133 Fax : 91-080-28524171 E-mail : [info@gpl.in](mailto:info@gpl.in)

**Agents:**