



Material Datasheet 12

Trade Name : PBT GP301A 30% Fiber - Black	
Material : Polybutylene Terephthalate (PBT)	
Color : Black	

Properties	Test Method	Test Condition	Unit	Typical Value
Physical				
Specific Gravity	ASTM D792		g/cm ³	1.587
Fiber Content/Ash			%	33
Rheological				
Melt Flow Index	ASTM D1238	250°C - 2.16kg	g/10min	5.4
Mechanical				
Tensile Strength	ASTM D638	86.1 87.6 86.4	MPa	86.7
Elongation at Break	ASTM D638	2.8 3.6 2.7	%	3.0
Flexural Strength	ASTM D790		MPa	140.5
Flexural Modulus	ASTM D790		MPa	7386.1
Izod Impact Strength	ASTM D256	<u>10.16mm*3.2mm 23°C</u> 87.5 83.8 80.3 87.8 93.8	J/m	86.6
Thermal				
Heat Distortion Temp.	ASTM D648	1.8mpa/deform 0.341	°C	116
Flammability				
Flammability	UL 94	127*12.8*2.0mm 127*12.8*3.0mm		V0 V0

The data are intended as a general guide only and do not necessarily represent results that may be obtained elsewhere. For further information, please contact or fax to AMK Technical Services Department.



Raw Materials



Finished Products

Cooling Fan



Connector



Keyboard



Fuse Box



Automotive Accessories

