TECHNICAL DATA SHEET

PC/PBT GF

Grade : **PC/PBT GF 7200**
Colour : Black
Description : PC/PBT Glass filled with excellent mechanical Properties.

Properties	Test Condition	Test Method	Unit	Typical Value	Tolerance
Physical					
Specific Gravity		ASTM D792	-	1.26	+/-0.02
Melt Flow Rate	250° C/5Kg	ASTM D1238	g/10min	60	+/-4
Ash Content	750°C	ASTM D5630	%	10	+/-2
Mechanical					
Tensile Strength@yield	50mm/min	ASTM D638	Mpa	65	+/-5
Tensile Elongation@Break	50mm/min	ASTM D638	%	5	+/-2
Flexural Strength	2mm/min	ASTM D790	Mpa	130	+/-10
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	15	+/-4
Thermal					
Heat Deflection Temperature (annealed)	1.80 Mpa	ASTM D648	°C	105	+/-2
Vicat Softening Temperature	5Kg, 50°C/h	ASTMD1527	°C	106	+/-2

Typical values are only for material selection purpose, and variation within normal tolerances are for various colours and grades.
Values given should not be interpreted as specification and not be used for part or tool design.
All properties, except melt flow rate are measured on injection moulded specimens and after 48 hours storage at 23°C, 50% relative humidity