TECHNICAL DATA SHEET

PA6 GF

Grade : **PM70 BN 3001**
Colour : Natural
Description : PA6 30% Glass filled with excellent mechanical Properties Natural and customized colors.

Properties	Test Condition	Test Method	Unit	Typical Value
Physical				
Specific Gravity		ASTM D792	-	1.35
Melt Flow Rate	235° C/2.16Kg	ASTM D1238	g/10min	10.6
Ash Content	750°C	ASTM D5630	%	30
Mechanical				
Tensile Stregth@yield	50mm/min	ASTM D638	Mpa	150
Tensile Elongation@Break	1mm/min	ASTM D638	%	4.24
Flexural Modulus	1mm/min	ASTM D790	Mpa	7000
Flexural Strength	1mm/min	ASTM D790	Mpa	178
Izod Impact 3.2 mm Notched	23°C	ASTM D256	Kg cm/cm	9.5
Thermal				
Heat Deflection Temperature (annealed)	18.6 Kg	ASTM D648	°C	210
Flammability		UL94		HB

Typical values are only for material selection purpose, and variation within normal tolerances are for various colors 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