Property	Test Condition	Test Method ISO	Units	Reinforced Low warpage, (GF+GB)35% 1101G-X08 >PBT+P-(GF+GB)35<
Physical property				
Water Absorption	24hrs. in 23℃ water	ISO62	%	0.07
Density	23℃	ISO1183	kg/m^3	1460
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	110
Elongation at Break	23℃	ISO527-1,2	%	2.5
Tensile Modulus	23℃	ISO527-1,2	GPa	8.5
Flexural Strength	23℃	ISO178	MPa	175
Flexural Modulus	23℃	ISO178	GPa	8
Coefficient of friction（Without lubrication）	Vs metal	Suzuki Method	-	0.15
Coefficient of friction	Vs metal	-	-	0.18
Rockwell Hardness	23℃	ISO2039-2	R Scale	M57
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	8.5
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	50
Heat property				
Coef of Linear Thermal Expansion	-30～100℃	ISO11359-2	$\times10^{-5}$/℃	4.6
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	215
Heat Deflection Temp High Load	1.82MPa	ISO75-1,2	℃	185
Flammability		UL94	rank/thickness mmt	HB(1/32")
Electrical property				
Volume Resistivity		IEC60093	Ω・m	$2x10^{14}$
Dielectric Strength		IEC60243-1	MV/m	26
Dielectric Constant	23℃、60%RH、50Hz	IEC 60250	-	3.5
Dielectric Constant	23℃、60%RH、1KHz	IEC 60250	-	3.4
Dissipation Factor	23℃、60%RH、50Hz	IEC 60250	-	0.002
Dissipation Factor	23℃、60%RH、1MHz	IEC 60250	-	0.01
Arc resistance	W electrode	IEC60950	sec	100
Molding property				
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	0.3
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.8
Bar Flow	250℃,93MPa,1mmt	Toray Method	$\times10^{-3}$m	86

These values are typical data for this product under specific test conditions and not intended for use as limiting specifications.