Property	Test Condition	Test Method ISO	Units	Flame retardant reinforced
				Heat cycle resistance, GF20%, V-0
				5174G-X11
				>PBT-I-GF20-FR(17)<
Physical property				
Water Absorption	24hrs. in 23℃ water	ISO62	%	0.07
Density	23℃	ISO1183	kg/m^3	1550
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	95
Elongation at Break	23℃	ISO527-1,2	%	3.1
Tensile Modulus	23℃	ISO527-1,2	GPa	6.6
Flexural Strength	23℃	ISO178	MPa	150
Flexural Modulus	23℃	ISO178	GPa	6.3
Coefficient of friction（Without lubrication）	Vs metal	Suzuki Method	-	0.16
Coefficient of friction	Vs metal	-	-	0.2
Rockwell Hardness	23℃	ISO2039-2	R Scale	-
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	8
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	57
Heat property				
Coef of Linear Thermal Expansion	-30～100℃	ISO11359-2	$\times10^{-5}$/℃	5
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	220
Heat Deflection Temp High Load	1.82MPa	ISO75-1,2	℃	207
Flammability		UL94	rank/thickness mmt	V0(1/16")
Electrical property				
Volume Resistivity		IEC60093	Ω・m	-
Dielectric Strength		IEC60243-1	MV/m	-
Dielectric Constant	23℃、60%RH、50Hz	IEC 60250	-	3.8
Dielectric Constant	23℃、60%RH、1KHz	IEC 60250	-	3.8
Dissipation Factor	23℃、60%RH、50Hz	IEC 60250	-	0.002
Dissipation Factor	23℃、60%RH、1MHz	IEC 60250	-	0.02
Arc resistance	W electrode	IEC60950	sec	-
Molding property				
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	0.4
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.9
Bar Flow	250℃,93MPa,1mmt	Toray Method	$\times10^{-3}$m	113

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