Property	Test Condition	Test Method ISO	Units	Nylon66/Abrasion Resistance GF30% CM3903GX010 >PA66-GF30< Dry
Physical property				
Water Absorption	24hrs. in 23℃ water	ISO62	%	0.4
Water Absorption	23℃ in water	ISO62	%	5
Density	23℃	ISO1183	kg/m^3	1430
Mechanical property				
Tensile strength	-40℃	ISO527-1,2	MPa	230
Tensile strength	23℃	ISO527-1,2	MPa	160
Elongation at Break	-40℃	ISO527-1,2	%	-
Elongation at Break	23℃	ISO527-1,2	%	3
Elongation at Break	80℃	ISO527-1,2	%	-
Flexural Strength	-40℃	ISO178	MPa	300
Flexural Strength	23℃	ISO178	MPa	230
Flexural Modulus	-40℃	ISO178	GPa	8.5
Flexural Modulus	23℃	ISO178	GPa	8
Coefficient of friction（Without lubrication）	Vs metal	Suzuki Method	-	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	120
Taper Abrasion		ISO9352	mg/1000times	20
Charpy Impact Strength（V-notched）	-40℃	ISO179	kJ/m^2	10.5
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	12
Charpy Impact Strength（Unnotched）	-40℃	ISO179	kJ/m^2	-
Heat property				
Melting Point		DSC Method	℃	265
Coef of Linear Thermal Expansion		ISO11359-2	$\times 10^{-5}$/℃	2～3
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	262
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	240
Flammability		UL94	rank/thickness mmt	HB
Molding property				
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	0.2～0.4
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.6～0.8

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