Property	Test Condition	Test Method ISO	Units	High Impact/Nylon6 Standard U121 >PA6-I<	
				Dry	2.8%water
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO62	%	1.7	-
Water Absorption	23℃ in water	ISO62	%	8	-
Density	23℃	ISO1183	kg/m^3	1090	-
Mechanical property					
Tensile strength	-40℃	ISO527-1,2	MPa	90	70
Tensile strength	23℃	ISO527-1,2	MPa	60	35
Elongation at Break	-40℃	ISO527-1,2	%	12.5	18.5
Elongation at Break	23℃	ISO527-1,2	%	50	50
Flexural Strength	-40℃	ISO178	MPa	115	100
Flexural Strength	23℃	ISO178	MPa	80	35
Flexural Modulus	-40℃	ISO178	GPa	2.5	2.5
Flexural Modulus	23℃	ISO178	GPa	2	0.8
Coefficient of friction（Without lubrication）	Vs metal	Suzuki Method	-	-	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	114	-
Taper Abrasion		ISO9352	mg/1000times	6～7	-
Charpy Impact Strength（V-notched）	-40℃	ISO179	kJ/m^2	10.5	15.5
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	16.5	65.6
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	破断せず	破断せず
Heat property					
Melting Point		DSC Method	℃	225	-
Coef of Linear Thermal Expansion		ISO11359-2	$\times 10^{-5}$/℃	9～10	-
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	160	-
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	57	-
Molding property					
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	-	-
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	1.2～1.3	-

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