Property	Test Condition	Test Method ISO	Units	High Impact/Nylon6 Super high Impact U141 >PA6-I<	
				Dry	2.1%water
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO62	%	0.7	-
Water Absorption	23℃ in water	ISO62	%	6	-
Density	23℃	ISO1183	kg/m^3	1060	-
Mechanical property					
Tensile strength	-40℃	ISO527-1,2	MPa	80	68
Tensile strength	23℃	ISO527-1,2	MPa	50	32
Elongation at Break	-40℃	ISO527-1,2	%	15.5	21.5
Elongation at Break	23℃	ISO527-1,2	%	50	50
Flexural Strength	-40℃	ISO178	MPa	65	90
Flexural Strength	23℃	ISO178	MPa	55	33
Flexural Modulus	-40℃	ISO178	GPa	2.3	2.3
Flexural Modulus	23℃	ISO178	GPa	1.5	0.7
Coefficient of friction（Without lubrication）	Vs metal	Suzuki Method	-	-	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	112	-
Taper Abrasion		ISO9352	mg/1000times	7～8	-
Charpy Impact Strength（V-notched）	-40℃	ISO179	kJ/m^2	33.5	37
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	105	130
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	$\times 10^{-5}$/℃	7～8	-
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	155	-
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	55	-
Molding property					
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	-	-
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.8～1.3	-

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