Property	Test Condition	Test Method ISO	Units	Nylon6/Blow molding High viscosity, High impact CM1056 >PA6<	
				Dry	3.0%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	105	95
Tensile strength	23℃	ISO527-1,2	MPa	60	35
Tensile strength	80℃	ISO527-1,2	MPa	25	20
Elongation at Break	-40℃	ISO527-1,2	%	3.5	1
Elongation at Break	23℃	ISO527-1,2	%	50	50
Elongation at Break	80℃	ISO527-1,2	%	50	50
Flexural Strength	-40℃	ISO178	MPa	130	-
Flexural Strength	23℃	ISO178	MPa	80	-
Flexural Strength	80℃	ISO178	MPa	-	-
Flexural Modulus	-40℃	ISO178	GPa	2.9	-
Flexural Modulus	23℃	ISO178	GPa	2.1	0.7
Flexural Modulus	80℃	ISO178	GPa	0.5	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	114	-
Taper Abrasion		ISO9352	mg/1000times	6～7	-
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	13.5	-
Charpy Impact Strength（Unnotched）	-40℃	ISO179	kJ/m^2	16	54
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	破断せず	-
Heat property					
Melting Point		DSC Method	℃	225	-
Coef of Linear Thermal Expansion		ISO11359-2	$\times 10^{-5}$/℃	8～9	-
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	160	-
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	51	-
Electrical property					
Volume Resistivity		IEC60093	Ω・m	-	-
Dielectric Strength		IEC60243-1	MV/m	-	-
Dielectric Constant	23℃、60%RH、50Hz	IEC 60250	-	-	-
Dielectric Constant	23℃、60%RH、1KHz	IEC 60250	-	-	-
IEC Tracking Index(CTI)		UL-746B	-	-	-
Arc resistance	Tungsten Electrode	UL-746A	sec.	-	-

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