Property	Test Condition	Test Method ISO	Units	Nylon6/Blow molding High viscosity CM1061 >PA6<	
				Dry	3.5%water
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO62	%	1.8	-
Water Absorption	23℃ in water	ISO62	%	10.5	-
Density	23℃	ISO1183	kg/m^3	1130	-
Mechanical property					
Tensile strength	-40℃	ISO527-1,2	MPa	110	100
Tensile strength	23℃	ISO527-1,2	MPa	80	35
Tensile strength	80℃	ISO527-1,2	MPa	30	20
Elongation at Break	-40℃	ISO527-1,2	%	3	3
Elongation at Break	23℃	ISO527-1,2	%	40	50
Elongation at Break	80℃	ISO527-1,2	%	50	50
Flexural Strength	-40℃	ISO178	MPa	-	-
Flexural Strength	23℃	ISO178	MPa	100	40
Flexural Strength	80℃	ISO178	MPa	-	-
Flexural Modulus	-40℃	ISO178	GPa	-	-
Flexural Modulus	23℃	ISO178	GPa	2.6	0.8
Flexural Modulus	80℃	ISO178	GPa	-	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	119	-
Taper Abrasion		ISO9352	mg/1000times	3～4	-
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	-	-
Charpy Impact Strength（Unnotched）	-40℃	ISO179	kJ/m^2	6	42
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	-	-
Heat property					
Melting Point		DSC Method	℃	225	-
Coef of Linear Thermal Expansion		ISO11359-2	$\times 10^{-5}$/℃	8	-
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	182	-
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	65	-
Electrical property					
Volume Resistivity		IEC60093	Ω・m	10^{12}～10^{13}	10^{9}～10^{10}
Dielectric Strength		IEC60243-1	MV/m	20	-
Dielectric Constant	23℃、60%RH、50Hz	IEC 60250	-	3.4	4.5
Dielectric Constant	23℃、60%RH、1KHz	IEC 60250	-	0.03	0.13
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.