Property	Test Condition	Test Method ISO	Units	Nylon6/Blow molding High viscosity, High impact CM1046K4 >PA6-GF20<	
				Dry	2.8%water
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO62	%	1.3	-
Water Absorption	23℃ in water	ISO62	%	7.5	-
Density	23℃	ISO1183	kg/m^3	1290	-
Mechanical property					
Tensile strength	-40℃	ISO527-1,2	MPa	195	-
Tensile strength	23℃	ISO527-1,2	MPa	120	70
Tensile strength	80℃	ISO527-1,2	MPa	70	-
Elongation at Break	-40℃	ISO527-1,2	%	2.5	-
Elongation at Break	23℃	ISO527-1,2	%	3	9
Elongation at Break	80℃	ISO527-1,2	%	4.5	-
Flexural Strength	-40℃	ISO178	MPa	270	-
Flexural Strength	23℃	ISO178	MPa	185	100
Flexural Strength	80℃	ISO178	MPa	90	-
Flexural Modulus	-40℃	ISO178	GPa	6.2	-
Flexural Modulus	23℃	ISO178	GPa	5.8	2.6
Flexural Modulus	80℃	ISO178	GPa	3	-
Rockwell Hardness	23℃	ISO2039-2	R Scale	120	-
Taper Abrasion		ISO9352	mg/1000times	12	-
Charpy Impact Strength（V-notched）	23℃	ISO179	kJ/m^2	6	-
Charpy Impact Strength（Unnotched）	-40℃	ISO179	kJ/m^2	7.5	22
Charpy Impact Strength（Unnotched）	23℃	ISO179	kJ/m^2	-	-
Heat property					
Melting Point		DSC Method	℃	225	-
Coef of Linear Thermal Expansion		ISO11359-2	$\times 10^{-5}$/℃	3～4	-
Heat Deflection Temp Low Load	0.45MPa	ISO75-1,2	℃	215	-
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	185	-
Electrical property					
Volume Resistivity		IEC60093	Ω・m	10^{13}	-
Dielectric Strength		IEC60243-1	MV/m	20	-
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.