

Property	Test Condition	Test Method ISO	Units	Nylon6/Extrusion	Nylon6/Extrusion	Nylon6/Extrusion
				Standard	Monofilament	Deep drawing
				CM1021FS	CM1021TM	CM1041LO
				>PA6<	>PA6<	>PA6<
				Dry	Dry	Dry
Physical property						
Water Absorption	24hrs. in 23℃ water	ISO62	%	1.8	1.8	1.8
Density	23℃	ISO1183	kg/m ³	1130	1130	1130
Mechanical property						
Tensile strength	23℃	ISO527-1,2	MPa	75	75	75
Elongation at Break	23℃	ISO527-1,2	%	50	50	50
Flexural Strength	23℃	ISO178	MPa	105	105	100
Flexural Modulus	23℃	ISO178	GPa	2.6	2.6	2.5
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	6	6	5.5
Heat property						
Melting Point		DSC Method	℃	225	225	225
Molding property						
Melting Viscosity	190℃	Koka type Flow Tester	Pa · s	-	-	-
Melting Viscosity	230℃	Koka type Flow Tester	Pa · s	1200	1200	-
Melting Viscosity	250℃	Koka type Flow Tester	Pa · s	740	740	1780
Melting Viscosity	270℃	Koka type Flow Tester	Pa · s	490	490	1110
Melting Viscosity	290℃	Koka type Flow Tester	Pa · s	-	-	770

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