

Property	Test Condition	Test Method ISO	Units	Co-polymer Nylon	Co-polymer Nylon	Co-polymer Nylon
				Standard	Transparency	Flexibility
				CM6041XF	CM6021M	CM6241M
				>PA<	>PA<	>PA<
				Dry	Dry	Dry
Physical property						
Water Absorption	24hrs. in 23℃ water	ISO62	%	2	1.9	-
Density	23℃	ISO1183	kg/m ³	1140	1140	1140
Mechanical property						
Tensile strength	23℃	ISO527-1,2	MPa	70	75	65
Elongation at Break	23℃	ISO527-1,2	%	50	50	50
Flexural Strength	23℃	ISO178	MPa	95	100	90
Flexural Modulus	23℃	ISO178	GPa	2.5	2.5	2.2
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	5	5	6
Heat property						
Melting Point		DSC Method	℃	194	214	190
Molding property						
Melting Viscosity	190℃	Koka type Flow Tester	Pa · s	-	-	-
Melting Viscosity	230℃	Koka type Flow Tester	Pa · s	1900	-	1260
Melting Viscosity	250℃	Koka type Flow Tester	Pa · s	1290	-	750
Melting Viscosity	270℃	Koka type Flow Tester	Pa · s	860	600	-
Melting Viscosity	290℃	Koka type Flow Tester	Pa · s	-	-	-

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