

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

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