

Property	Test Condition	Test Method ISO	Units	Nylon6/Extrusion	
				Standard	
				CM1021FS	
				>PA6<	
				Dry	
Physical property					
Water Absorption	24hrs. in 23℃ water	ISO 62	%	1.8	
Density	23℃	ISO 1183	kg/m ³	1130	
Mechanical property					
Tensile strength	23℃	ISO 527-1,2	MPa	75	
Elongation at Break	23℃	ISO 527-1,2	%	50	
Flexural Strength	23℃	ISO 178	MPa	105	
Flexural Modulus	23℃	ISO 178	GPa	2.6	
Charpy Impact Strength (V-notched)	23℃	ISO 179	kJ/m ²	6	
Heat property					
Melting Point		DSC Method	℃	225	
Molding property					
Melting Viscosity	190℃	Koka type Flow Tester	Pa · s	-	
Melting Viscosity	230℃	Koka type Flow Tester	Pa · s	1200	
Melting Viscosity	250℃	Koka type Flow Tester	Pa · s	740	
Melting Viscosity	270℃	Koka type Flow Tester	Pa · s	490	
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.

COPYRIGHT © TORAY INDUSTRIES,INC

