

Property	Test Condition	Test Method ISO	Units	Co-polymer Nylon/GF Reinforced
				Good Appearance,Heat stability, GF50%
				CM3506G50
				>PA-GF50<
Physical property				
Density	23℃	ISO1183	kg/m ³	1580
Mechanical property				
Tensile strength	23℃	ISO527-1,2	MPa	245
Elongation at Break	23℃	ISO527-1,2	%	2
Flexural Strength	23℃	ISO178	MPa	377
Flexural Modulus	23℃	ISO178	GPa	16.8
Charpy Impact Strength (V-notched)	23℃	ISO179	kJ/m ²	16.5
Heat property				
Melting Point		DSC Method	℃	228
Heat Deflection Temp High Load	1.80MPa	ISO75-1,2	℃	240
Molding property				
Mold shrinkage(Machine Direction)	80×80×3mmt	Toray Method	%	0.2
Mold shrinkage(Transverse Direction)	80×80×3mmt	Toray Method	%	0.5

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

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