

Property	Test Condition	Test Method ISO	Units	GF+Mineral filler reinforced
				Low warpage, High flow
				L304M35
				>LCP-(GF+MD)35<
Physical property				
Water Absorption	24hrs. in 23℃ water	ASTM D570	%	0.01
Specific Gravity		ASTM D792	-	1.68
Mechanical property				
Tensile strength		ASTM D638	MPa	125
Tensile elongation at Break		ASTM D638	%	2.5
Flexural Strength		ASTM D790	MPa	160
Flexural Modulus		ASTM D790	GPa	13
Rockwell Hardness		ASTM D785	R,M Scale	R105
Izot impact V-notched		ASTM D256	J/m	60
Heat property				
Heat Deflection Temp High Load	1.82MPa	ASTM D648	℃	270
Flammability		UL94	rank/thickness m mt	V-0(0.38)
Linear Thermal Expansion		ASTM D696	×10 ⁻⁵ /K	0.8~1.9
Electrical property				
CTI		UL 746A	UL Index	3Equivalent
Dielectric Strength		ASTM D149	kV/mm	58
Dielectric Constant		ASTM D150	—	4.1
Molding property				
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%	0.14
Mold shrinkage(Transverse Direction)	80×80×1mmt	Toray Method	%	0.55

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

