

Property	Test Condition	Test Method ISO	Units	GF+Mineral filler reinforced	
				UL746(f2)	
				LX70T35H	
				>LCP-(GF+MD)35<	
Physical property					
Specific Gravity		ASTM D792	-		1.68
Mechanical property					
Tensile strength		ASTM D638	MPa		130
Tensile elongation at Break		ASTM D638	%		3.5
Flexural Strength		ASTM D790	MPa		155
Flexural Modulus		ASTM D790	GPa		11.5
Izot impact V-notched		ASTM D256	J/m		65
Heat property					
Heat Deflection Temp High Load	1.82MPa	ASTM D648	°C		240
Flammability		UL94	rank/thickness m mt		V-0(0.38)
Linear Thermal Expansion		ASTM D696	$\times 10^{-5}/K$		0.8~1.9
Electrical property					
CTI		UL 746A	UL Index		3Equivalent
Molding property					
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%		0.03
Mold shrinkage(Transverse Direction)	80×80×1mmt	Toray Method	%		0.45

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

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