

Property	Test Condition	Test Method ISO	Units	GF reinforced
				Toughness, Low gas, Super high strength
				LX70G25J
				>LCP-GF25<
Physical property				
Specific Gravity		ASTM D792	-	1.57
Mechanical property				
Tensile strength		ASTM D638	MPa	185
Tensile elongation at Break		ASTM D638	%	4
Flexural Strength		ASTM D790	MPa	230
Flexural Modulus		ASTM D790	GPa	14.5
Izot impact V-notched		ASTM D256	J/m	85
Heat property				
Heat Deflection Temp High Load	1.82MPa	ASTM D648	°C	250
Flammability		UL94	rank/thickness mmt	V-0(0.20)
Linear Thermal Expansion		ASTM D696	$\times 10^{-5}/K$	0.9~2.4
Electrical property				
CTI		UL 746A	UL Index	3Equivalent
Molding property				
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%	-0.05
Mold shrinkage(Transverse Direction)	80×80×1mmt	Toray Method	%	0.56

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

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