

Property	Test Condition	Test Method ISO	Units	GF reinforced
				Toughness, Low gas, High flow
				LX70G35F
				>LCP-GF35<
Physical property				
Specific Gravity		ASTM D792	-	1.66
Mechanical property				
Tensile strength		ASTM D638	MPa	160
Tensile elongation at Break		ASTM D638	%	4
Flexural Strength		ASTM D790	MPa	180
Flexural Modulus		ASTM D790	GPa	15
Izot impact V-notched		ASTM D256	J/m	80
Heat property				
Heat Deflection Temp High Load	1.82MPa	ASTM D648	°C	245
Flammability		UL94	rank/thickness m mt	V-0(0.15)
Linear Thermal Expansion		ASTM D696	$\times 10^{-5}/K$	1.2~2.0
Electrical property				
CTI		UL 746A	UL Index	3
Molding property				
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%	0.02
Mold shrinkage(Transverse Direction)	80×80×1mmt	Toray Method	%	0.6

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

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