

Property	Test Condition	Test Method ISO	Units	GF reinforced
				Toughness, Low gas, High strength
				LX70G35
				>LCP-GF35<
<b>Physical property</b>				
Specific Gravity		ASTM D792	-	1.66
<b>Mechanical property</b>				
Tensile strength		ASTM D638	MPa	175
Tensile elongation at Break		ASTM D638	%	3
Flexural Strength		ASTM D790	MPa	220
Flexural Modulus		ASTM D790	GPa	16
Izot impact V-notched		ASTM D256	J/m	90
<b>Heat property</b>				
Heat Deflection Temp High Load	1.82MPa	ASTM D648	°C	255
Flammability		UL94	rank/thickness mm	V-0(0.15)
Linear Thermal Expansion		ASTM D696	$\times 10^{-5}/K$	1.0~1.5
<b>Electrical property</b>				
CTI		UL 746A	UL Index	3
<b>Molding property</b>				
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%	0.05
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.

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