

Property	Test Condition	Test Method ISO	Units	GF+Mineral filler reinforced	
				Toughness, Low gas, High flow	
				LX70M35H	
				>LCP-(GF+MD)35<	
<b>Physical property</b>					
Specific Gravity		ASTM D792	-		1.67
<b>Mechanical property</b>					
Tensile strength		ASTM D638	MPa		140
Tensile elongation at Break		ASTM D638	%		3.5
Flexural Strength		ASTM D790	MPa		155
Flexural Modulus		ASTM D790	GPa		13
Izot impact V-notched		ASTM D256	J/m		50
<b>Heat property</b>					
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
<b>Molding property</b>					
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%		0.04
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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