

Property	Test Condition	Test Method ISO	Units	GF+Mineral filler reinforced
				Low warpage, Blister control, High flow
				L304X35H
				>LCP-(GF+MD)35<
<b>Physical property</b>				
Specific Gravity		ASTM D792	-	1.68
<b>Mechanical property</b>				
Tensile strength		ASTM D638	MPa	130
Tensile elongation at Break		ASTM D638	%	3.5
Flexural Strength		ASTM D790	MPa	145
Flexural Modulus		ASTM D790	GPa	10.2
Izot impact V-notched		ASTM D256	J/m	85
<b>Heat property</b>				
Heat Deflection Temp High Load	1.82MPa	ASTM D648	°C	260
Flammability		UL94	rank/thickness m mt	V-0(0.38)
Linear Thermal Expansion		ASTM D696	$\times 10^{-5}/K$	0.8~1.6
<b>Electrical property</b>				
Dielectric Strength		ASTM D149	kV/mm	50
Dielectric Constant		ASTM D150	-	4.1
<b>Molding property</b>				
Mold shrinkage(Machine Direction)	80×80×1mmt	Toray Method	%	-0.06
Mold shrinkage(Transverse Direction)	80×80×1mmt	Toray Method	%	0.58

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

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