

Siveras™ L304X35Z H LCP

TECHNICAL DATA

Product Description

High flow, Low warpage

Uses

- Cell Phones
- Computer Components
- Connectors
- Electrical/Electronic Applications

Processing Method

- Injection Molding

ISO Designation

- >LCP-GF35<

Type

- LCP/GF+Mineral filler reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.68	g/cm ³	ASTM D792
Molding Shrinkage ¹			Internal Method
Across Flow : 1.00 mm	0.58	%	
Flow : 1.00 mm	0.06	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	130	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	10200	MPa	ASTM D790
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	260	°C	ASTM D648
CLTE			ASTM D696
Flow	1.1	cm ³ -5/cm/°C	
Transverse	2.0	cm ³ -5/cm/°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating ² (1.5 mm, Equivalent)	V-0		Internal Method

Notes

¹ 80x80x1mm

² UL94

Toray Industries, Inc.

