

Siveras™ LX70T40 F LCP

TECHNICAL DATA

Product Description

Toughness, Low gas, Low dust

Uses

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

Processing Method

- Injection Molding

ISO Designation

- >LCP-(GF+MD)40<

Type

- LCP/GF+Mineral filler reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.72	g/cm ³	ASTM D792
Molding Shrinkage ¹			Internal Method
Across Flow : 1.00 mm	0.63	%	
Flow : 1.00 mm	-0.05	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	140	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	14000	MPa	ASTM D790
Flexural Strength	160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	70	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	240	°C	ASTM D648
CLTE			ASTM D696
Flow	0.60	cm ³ -5/cm/°C	
Transverse	3.0	cm ³ -5/cm/°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.38 mm)	V-0		UL 94

Notes

¹ 80x80x1mm

Toray Industries, Inc.

