

Siveras™ LX70M35 H LCP

TECHNICAL DATA

Product Description

Toughness, Low gas, High flow

- Uses**
- Camera Applications
 - Cell Phones
 - Computer Components
 - Connectors
 - Electrical/Electronic Applications

- Processing Method**
- Injection Molding

- ISO Designation**
- >LCP-(GF+MD)35<

- Type**
- LCP/GF+Mineral filler reinforced

ASTM & ISO Properties

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.67	g/cm ³	ASTM D792
Molding Shrinkage ¹			Internal Method
Across Flow : 1.00 mm	0.45	%	
Flow : 1.00 mm	0.04	%	
Mechanical			
Tensile Strength	140	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	13000	MPa	ASTM D790
Flexural Strength	155	MPa	ASTM D790
Impact			
Notched Izod Impact	50	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load 1.8 MPa, Unannealed	240	°C	ASTM D648
CLTE			ASTM D696
Flow	0.80	cm ³ /cm/cm ² /°C	
Transverse	1.9	cm ³ /cm/cm ² /°C	
Flammability			
Flame Rating (0.38 mm)	V-0		UL 94

Notes

¹ 80x80x1mm

Toray Industries, Inc.

