

Siveras™ LX70T35 H LCP

TECHNICAL DATA

Product Description

UL746(f2)

- | | | | |
|-------------|--|--|---|
| Uses | <ul style="list-style-type: none"> • Cell Phones • Computer Components | <ul style="list-style-type: none"> • Connectors • Electrical Housing | <ul style="list-style-type: none"> • Electrical/Electronic Applications • Office Automation Equipment |
|-------------|--|--|---|

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	1.68	g/cm ³	ASTM D792
Molding Shrinkage ¹			Internal Method
Across Flow : 1.00 mm	0.45	%	
Flow : 1.00 mm	0.03	%	
Outdoor Suitability	f2		UL 746C
Mechanical			
Tensile Strength	130	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	11500	MPa	ASTM D790
Flexural Strength	155	MPa	ASTM D790
Impact			
Notched Izod Impact	65	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load 1.8 MPa, Unannealed	240	°C	ASTM D648
CLTE			ASTM D696
Flow	0.80	cm ⁻⁵ /cm/°C	
Transverse	1.9	cm ⁻⁵ /cm/°C	
Electrical			
Comparative Tracking Index (CTI) ²	PLC 3		UL 746A
Flammability			
Flame Rating (0.38 mm)	V-0		UL 94

Notes

¹ 80x80x1mm

² Equivalent

Toray Industries, Inc.

