

Siveras™ LX70G50 C LCP

TECHNICAL DATA

Product Description

Antistatic

Uses

- Video Equipment

Processing Method

- Injection Molding

ISO Designation

- >LCP-(GF+X)50<

Type

- LCP/GF+Mineral filler reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.78	g/cm ³	ASTM D792
Molding Shrinkage			Internal Method
Across Flow : 1.00 mm	0.46	%	
Flow : 1.00 mm	0.03	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	120	MPa	ASTM D638
Tensile Elongation (Break)	2.3	%	ASTM D638
Flexural Modulus	16500	MPa	ASTM D790
Flexural Strength	160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	245	°C	ASTM D648
CLTE			ASTM D696
Flow	1.5	cm ³ /cm/°C	
Transverse	2.1	cm ³ /cm/°C	
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.38 mm, NC)	V-0		UL 94

Toray Industries, Inc.

