

Siveras™ LX80U25 LCP

TECHNICAL DATA

Product Description

Heat resistance, High flow, Low warpage

Uses

- Connectors

Processing Method

- Injection Molding

ISO Designation

- >LCP-MD25<

Type

- LCP/Mineral filler reinforced

ASTM & ISO Properties

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.60	g/cm ³	ASTM D792
Molding Shrinkage ¹			Internal Method
Across Flow : 1.00 mm	0.34	%	
Flow : 1.00 mm	0.03	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	115	MPa	ASTM D638
Tensile Elongation (Break)	2.3	%	ASTM D638
Flexural Modulus	14000	MPa	ASTM D790
Flexural Strength	162	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	265	°C	ASTM D648
CLTE - Transverse	0.90	cm ³ /cm/°C	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.78 mm)	V-0		UL 94

Notes

¹ 80x80x1mm

Toray Industries, Inc.

