

Siveras™ LX70G35C

Liquid Crystal Polymer
Toray Resin Company

Message:

Siveras™ LX70G35C is a Liquid Crystal Polymer (LCP) product filled with 35% glass\mineral. It is available in Asia Pacific, Europe, or North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E41797-100069533		
Filler / Reinforcement	Glass\Mineral,35% Filler by Weight		
Features	Antistatic		
Part Marking Code	>LCP-(GF+X)35<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.64	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	130	MPa	ASTM D638
Tensile Elongation (Break)	3.5	%	ASTM D638
Flexural Modulus	13500	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)	240	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (0.380 mm)	V-0		UL 94

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