

SEPAZ™ C130GP

Liquid Crystal Polymer

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ C130GP is a Liquid Crystal Polymer (LCP) product filled with 30% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	132	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Flexural Modulus	12700	MPa	ASTM D790
Flexural Strength	172	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	265	°C	ASTM D648
Peak Melting Temperature	335	°C	ASTM D2133
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	ASTM D257
Volume Resistivity	> 1.0E+14	ohms·cm	ASTM D257
Dielectric Strength (1.60 mm)	29	kV/mm	ASTM D149
Dielectric Constant	3.90		ASTM D150
Dissipation Factor	0.027		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	350 to 360	°C	
Mold Temperature	30.0 to 160	°C	

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Recommended distributors for this material

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