

SEPAZ™ C130M

Liquid Crystal Polymer

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ C130M is a Liquid Crystal Polymer (LCP) product filled with 30% mineral. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Mineral,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.63	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.0	%	
Across Flow	0.50	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	127	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	9610	MPa	ASTM D790
Flexural Strength	127	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	239	°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+13	ohms·cm	ASTM D257
Dielectric Strength (1.60 mm)	26	kV/mm	ASTM D149
Dielectric Constant	3.20		ASTM D150
Dissipation Factor	0.028		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 150	°C	
NOTE			

1. 60°C Mold Temperature

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Recommended distributors for this material

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