

# SEPAZ™ C230GI

Liquid Crystal Polymer

Mando Advanced Materials Co., Ltd.

## Message:

SEPAZ™ C230GI is a Liquid Crystal Polymer (LCP) product filled with 30% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Impact Modified

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Impact Modifier		
Features	Impact Modified		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.62	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	0.0	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	150	MPa	ASTM D638
Tensile Elongation (Break)	1.7	%	ASTM D638
Flexural Modulus	13100	MPa	ASTM D790
Flexural Strength	183	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	289	°C	ASTM D648
Peak Melting Temperature	352	°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)	24	kV/mm	ASTM D149
Dielectric Constant	3.80		ASTM D150
Dissipation Factor	0.029		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	365 to 375	°C	
Mold Temperature	30.0 to 150	°C	
NOTE			

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#### Recommended distributors for this material

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