

# SEPAZ™ C400TC

Liquid Crystal Polymer

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ C400TC is a Liquid Crystal Polymer (LCP) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Conductive

Insulating

General Information			
Features	Electrically Insulating		
	Thermally Conductive		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	2.69	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow <sup>1</sup>	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	61.8	MPa	ASTM D638
Tensile Elongation (Break)	0.70	%	ASTM D638
Flexural Modulus	12800	MPa	ASTM D790
Flexural Strength	90.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	243	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	332 to 366	°C	
Mold Temperature	66.0 to 121	°C	
NOTE			

1. 60°C Mold Temperature

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Recommended distributors for this material

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