

SEPAZ™ C130HS

Liquid Crystal Polymer

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ C130HS 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	1.66	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.12	%	
Across Flow	0.60	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	151	MPa	ASTM D638
Tensile Elongation (Break)	2.1	%	ASTM D638
Flexural Modulus	14500	MPa	ASTM D790
Flexural Strength	196	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	280	°C	ASTM D648
Peak Melting Temperature	335	°C	ASTM D2133
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	350 to 370	°C	
Mold Temperature	30.0 to 95.0	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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