

# SEPAZ™ LB50

Polyamide 6

Mando Advanced Materials Co., Ltd.

## Message:

SEPAZ™ LB50 is a Polyamide 6 (Nylon 6) product filled with 50% long glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Long Glass Fiber,50% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage <sup>1</sup>			ASTM D955
Flow	0.18	%	
Across Flow	0.22	%	
Water Absorption (24 hr)	0.90	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	235	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	12700	MPa	ASTM D790
Flexural Strength	324	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	340	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	215	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	90.0 to 120	°C	
NOTE			
1.	60°C Mold Temperature		

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## Recommended distributors for this material

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