

SEPAZ™ LB40

Polyamide 6

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ™ LB40 is a Polyamide 6 (Nylon 6) product filled with 40% long glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Long Glass Fiber,40% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.46	g/cm ³	ASTM D792
Molding Shrinkage ¹			ASTM D955
Flow	0.25	%	
Across Flow	0.35	%	
Water Absorption (24 hr)	1.0	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	206	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	10800	MPa	ASTM D790
Flexural Strength	270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	320	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	250 to 280	°C	
Mold Temperature	80.0 to 100	°C	
NOTE			
1.	60°C Mold Temperature		

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Recommended distributors for this material

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