

SUPRAN® LFT PA 1350

Polyamide 6

SAMBARK

Message:

50% long glass fiber reinforced polyamide 6. High Stiffness & superior mechanical balanced.

General Information			
Filler / Reinforcement	Long Glass Fiber,50% Filler by Weight		
Features	Good Toughness		
	High Stiffness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D648
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	245	MPa	ASTM D638
Tensile Elongation (Break)	3.2	%	ASTM D638
Flexural Modulus	14200	MPa	ASTM D790
Flexural Strength	304	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	260	J/m	
23°C	250	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	220	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0 to 4.0	hr	
Processing (Melt) Temp	260 to 280	°C	
Mold Temperature	70.0 to 120	°C	

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Recommended distributors for this material

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