

# SUPRAN® LFT PA A1350

Polyamide 66

SAMBARK

Message:

50% long glass fiber reinforced polyamide 66. High Stiffness, superior mechanical balanced & heat stable.

General Information			
Filler / Reinforcement	Long Glass Fiber,50% Filler by Weight		
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	High Stiffness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D648
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	237	MPa	ASTM D638
Tensile Elongation (Break)	2.9	%	ASTM D638
Flexural Modulus	13500	MPa	ASTM D790
Flexural Strength	302	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	250	J/m	
23°C	250	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	256	°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	280 to 305	°C	
Mold Temperature	70.0 to 120	°C	

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Recommended distributors for this material

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