

# SUPRAN® LFT PP 1340E

Polypropylene

SAMBARK

Message:

40% long glass fiber reinforced Polypropylene. High Stiffness, high toughness & superior mechanical balanced. It offers outstanding impact resistance.

General Information			
Filler / Reinforcement	Long Glass Fiber,40% Filler by Weight		
Features	Good Toughness		
	High Impact Resistance		
	High Stiffness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.20	%	ASTM D648
Water Absorption (24 hr)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	129	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	7160	MPa	ASTM D790
Flexural Strength	169	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-30°C	360	J/m	
23°C	350	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	161	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	215 to 230	°C	
Mold Temperature	40.0 to 70.0	°C	

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