

SUPRAN® VLFT3030

Polypropylene

SAMBARK

Message:

SUPRAN ® VLFT3030 is Long Fiber Reinforced Thermoplastics(LFT), SUPRAN ® VLFT3030 is Polypropylene reinforced with 30wt% long glass fibers. Parts molded of SUPRAN® have outstanding mechanical properties such as high strength, stiffness, impact and creep resistance and low warpage combined with high heat deflection. SUPRAN ® VLFT3030 is suitable for structural parts in automotive and industrial application.

General Information			
Filler / Reinforcement	Long Glass Fiber,30% Filler by Weight		
Features	Good Creep Resistance		
	High Impact Resistance		
	High Stiffness		
	High Strength		
	Low Warpage		
Uses	Automotive Applications		
	Industrial Applications		
	Structural Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7400	MPa	ISO 527-2
Tensile Stress	90.0	MPa	ISO 527-2
Flexural Stress	7300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Multi-Axial Instrumented Impact Energy (23°C)	8.90	J	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	161	°C	ISO 75-2/A

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