

SOFTAPLAS R 60300 GF Nat

Polyurethane
Ovation Polymers Inc.

Message:
Thermoplastic Polyurethane - 30% Short Glass Fiber reinforced excellent strength and processability.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Processability		
	Good Strength		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹ (23°C)	2450	MPa	ASTM D638
Tensile Strength ² (Yield, 23°C)	80.0	MPa	ASTM D638
Tensile Elongation ³ (Break, 23°C)	13	%	ASTM D638
Flexural Modulus ⁴ (23°C, 50.0 mm Span)	2750	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 23°C, 50.0 mm Span)	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	290	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	78.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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