

UTTAP QU HT530 GF

Polyamide

Ovation Polymers Inc.

Message:

Glass reinforced (30 %) - High Temperature Polyamide Alloy, excellent chemical and electrical resistance, high stiffness, modulus and HDT.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Chemical Resistance		
	Good Electrical Properties		
	Good Stiffness		
	Medium Heat Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.80	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	6000	MPa	ASTM D638
Tensile Strength ² (Yield)	160	MPa	ASTM D638
Tensile Elongation ³ (Break)	3.5	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	10500	MPa	ASTM D790
Flexural Strength ⁵ (Yield, 50.0 mm Span)	205	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	70	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.20 mm	220	°C	
1.8 MPa, Unannealed, 3.20 mm	218	°C	
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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Recommended distributors for this material

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