

RTP PA6 HI 30 GF BLK

Polyamide 6

RTP Company

Message:

Value Product - Glass Fiber - Impact Modified - Heat Stabilized

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Additive	Impact modifier heat stabilizer		
Features	Impact modification Thermal Stability		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 - 0.40	%	ASTM D955
Moisture Content	0.20	%	
Primary Additive	30	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8270	MPa	ASTM D638
Tensile Strength	124	MPa	ASTM D638
Tensile Elongation (Yield)	4.0 - 5.0	%	ASTM D638
Flexural Modulus	7580	MPa	ASTM D790
Flexural Strength	186	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	140	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1300	J/m	ASTM D4812
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	249 - 285	°C	
Mold Temperature	60.0 - 93.3	°C	
Injection Pressure	68.9 - 124	MPa	

Injection instructions

Desiccant Type Dryer Required.

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Recommended distributors for this material

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