

RTP 199 X 134502

Polypropylene

RTP Company

Message:

Glass Fiber - High Impact - Flame Retardant

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Flame Retardant		
	High Impact Resistance		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5520	MPa	ASTM D638
Tensile Strength	46.9	MPa	ASTM D638
Tensile Elongation (Yield)	4.0 to 8.0	%	ASTM D638
Flexural Modulus	5170	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	210	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	690	J/m	ASTM D4812
Flammability	Nominal Value	Test Method	
Flame Rating			UL 94
1.50 mm, ** Values per RTP Company testing.	V-0		
3.00 mm, ** Values per RTP Company testing.	5VA		
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	32.2 to 65.6	°C	
Injection Pressure	68.9 to 103	MPa	

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