

RTP 104 CC FR A UV

Polypropylene
RTP Company

Message:
Glass Fiber - Chemically Coupled - Flame Retardant - Non- PBB/PBDE - UV Stabilized

General Information			
Filler / Reinforcement	Glass Fiber,25% Filler by Weight		
Additive	UV Stabilizer		
Features	Chemically Coupled		
	Flame Retardant		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.10 to 0.25	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7930	MPa	ASTM D638
Tensile Strength	68.9	MPa	ASTM D638
Tensile Elongation (Yield)	3.0 to 4.0	%	ASTM D638
Flexural Modulus	6550	MPa	ASTM D790
Flexural Strength	114	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	110	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	640	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	157	°C	
1.8 MPa, Unannealed	149	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
0.800 mm	V-0		
3.00 mm	V-0		
Additional Information	Nominal Value	Unit	
Primary Additive	25	%	
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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Recommended distributors for this material

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