

RTP 204 FR XB

Polyamide 66

RTP Company

Message:

Glass Fiber - Flame Retardant - Black Color Only

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Features	Flame retardancy		
RoHS Compliance	Contact manufacturer		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.41	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20 - 0.30	%	ASTM D955
Moisture Content	0.20	%	
Primary Additive	25	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7580	MPa	ASTM D638
Tensile Strength	117	MPa	ASTM D638
Tensile Elongation (Yield)	2.0 - 4.0	%	ASTM D638
Flexural Modulus	7930	MPa	ASTM D790
Flexural Strength	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	59	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	590	J/m	ASTM D4812
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.800 mm	V-0		UL 94
3.00 mm	5VA		UL 94
Glow Wire Flammability Index (0.800 mm)	960	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (0.800 mm)	775	°C	IEC 60695-2-13
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	4.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	277 - 299	°C	
Mold Temperature	65.6 - 107	°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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