

RTP 202 MS

Polyamide 66

RTP Company

Message:

Glass Fiber - Molybdenum Disulfide

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 15% filler by weight		
Additive	Molybdenum disulfide lubricant		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.30 - 0.70	%	ASTM D955
Moisture Content	0.20	%	
Primary Additive	15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6550	MPa	ASTM D638
Tensile Strength	114	MPa	ASTM D638
Tensile Elongation (Yield)	2.5 - 4.0	%	ASTM D638
Flexural Modulus	6210	MPa	ASTM D790
Flexural Strength	190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	53	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	430	J/m	ASTM D4812
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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