

RTP 3049 Z

Polymethylpentene

RTP Company

Message:

Mineral Reinforced - FDA Compliant Ingredients

General Information			
Filler / Reinforcement	Mineral,50% Filler by Weight		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	4.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	22.1	MPa	ASTM D638
Tensile Elongation (Yield)	6.0 to 10	%	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	41.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	27	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	210	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	266 to 304	°C	
Mold Temperature	65.6 to 93.3	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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