

RTP 799 A X 99499

Low Density Polyethylene

RTP Company

Message:

Glass Bubbles

General Information			
Filler / Reinforcement	Glass Bubble		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.820	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	1.4 to 1.8	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	552	MPa	ASTM D638
Tensile Strength	6.89	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	483	MPa	ASTM D790
Flexural Strength	13.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	37	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	240	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	193 to 232	°C	
Mold Temperature	21.1 to 65.6	°C	
Injection Pressure	68.9 to 103	MPa	

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Recommended distributors for this material

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