

RTP 1299 X 101066

Thermoplastic Polyurethane Elastomer (Polyether)

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	0.930	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.30 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	345	MPa	ASTM D638
Tensile Strength	13.8	MPa	ASTM D638
Tensile Elongation (Yield)	30	%	ASTM D638
Flexural Modulus	276	MPa	ASTM D790
Flexural Strength	11.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	96	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	No Break		ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	88	°C	
Drying Time	6.0	hr	
Processing (Melt) Temp	193 - 216	°C	
Mold Temperature	16 - 32	°C	
Injection Pressure	34.5 - 68.9	MPa	
Injection instructions			

Desiccant Type Dryer Required.

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Recommended distributors for this material

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