

RTP 1207 S-65D UV

Thermoplastic Polyurethane Elastomer (Polyester)

RTP Company

Message:

Glass Fiber Reinforced - UV Stabilized

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 40% filler by weight		
Additive	UV stabilizer		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.54	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.20	%	ASTM D955
Moisture Content	0.020	%	
Primary Additive	40	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	82.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	3790	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	370	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1600	J/m	ASTM D4812
Injection	Nominal Value	Unit	
Drying Temperature	82.2	°C	
Drying Time	6.0	hr	
Dew Point	-40.0	°C	
Processing (Melt) Temp	193 - 216	°C	
Mold Temperature	15.6 - 32.2	°C	
Injection Pressure	48.3 - 82.7	MPa	
Injection instructions			
Desiccant Type Dryer Required.			

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Recommended distributors for this material

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