RTP 128 UV

Polypropylene

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Additive	UV stabilizer		
Features	Good UV resistance		
RoHS Compliance	Contact manufacturer		
Forms	Particle		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.05	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.1 - 1.5	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	32.0	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	51.0	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.18 mm)	53	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	800	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	132	°C	ASTM D648
1.8 MPa, not annealed	77.0	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.6 mm, Values per RTP Company testing.)	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	79	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	191 - 232	°C	
Mold Temperature	32 - 66	°C	
Injection Pressure	69.0 - 103	MPa	

Recommended distributors for this material

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