RTP 132 HI

Polypropylene

RTP Company

Message:

High Impact - Talc

General Information			
Filler / Reinforcement	Talc,30% Filler by Weight		
Features	High Impact Resistance		
RoHS Compliance	Contact Manufacturer		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.12	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.70 to 1.1	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength	20.7	MPa	ASTM D638
Tensile Elongation (Yield)	> 10	%	ASTM D638
Flexural Modulus	2070	MPa	ASTM D790
Flexural Strength	33.8	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (3.20 mm)	200	J/m	ASTM D256
Unnotched Izod Impact (3.20 mm)	1300	J/m	ASTM D4812
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
Flammability	**Nominal Value**		**Test Method**
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Additional Information	**Nominal Value**	**Unit**	
Primary Additive	30	%	
Injection	**Nominal Value**	**Unit**	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	191 to 232	°C	
Mold Temperature	32.2 to 65.6	°C	
Injection Pressure	68.9 to 103	MPa	

Recommended distributors for this material

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