

# REV Materials 8011-003

Polypropylene

REV Materials

## Message:

40% talc and glass microspheres dispersed in a polypropylene matrix suitable for injection molding applications. The combination of talc and microspheres provides excellent mechanical properties and weight reduction compared to other mineral filled systems.

General Information			
Filler / Reinforcement	Glass \talc, 40% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3620	MPa	ASTM D638
Tensile Strength	24.1	MPa	ASTM D638
Tensile Elongation (Break)	1.5	%	ASTM D638
Flexural Modulus	3070	MPa	ASTM D790
Flexural Strength	43.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	16	J/m	ASTM D256
Unnotched Izod Impact	85	J/m	ASTM D256
Injection	Nominal Value	Unit	
Rear Temperature	149 - 232	°C	
Middle Temperature	149 - 232	°C	
Front Temperature	149 - 232	°C	
Nozzle Temperature	149 - 232	°C	

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## Recommended distributors for this material

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