

REV Materials 8011-001

Polypropylene

REV Materials

Message:

20% 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, 20% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.988	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2650	MPa	ASTM D638
Tensile Strength	27.6	MPa	ASTM D638
Tensile Elongation (Break)	2.8	%	ASTM D638
Flexural Modulus	2380	MPa	ASTM D790
Flexural Strength	52.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	16	J/m	ASTM D256
Unnotched Izod Impact	130	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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