

REV Materials 8003-003

Polypropylene

REV Materials

Message:

40% 40-mesh maple wood flour dispersed in a polypropylene matrix suitable for injection molding applications

General Information			
Filler / Reinforcement	Wood dust, 40% filler by weight		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	6380	MPa	ASTM D638
Tensile Strength	29.6	MPa	ASTM D638
Tensile Elongation (Break)	1.4	%	ASTM D638
Flexural Modulus	3520	MPa	ASTM D790
Flexural Strength	50.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	24	J/m	ASTM D256
Unnotched Izod Impact	110	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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