

# Ravago Compounds PP-4342

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

## Message:

Key Features:

Polypropylene Homopolymer

20% Talc filled

Designed for injection molded articles

Good balance of processability and physical properties

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Homopolymer		
	Workability, good		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	2600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	124	°C	ASTM D648
1.8 MPa, not annealed	68.3	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.52 mm	HB		UL 94
3.05 mm	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	71.1 - 93.3	°C	
Drying Time	0.0 - 8.0	hr	
Rear Temperature	193 - 238	°C	
Middle Temperature	193 - 238	°C	
Front Temperature	193 - 238	°C	
Nozzle Temperature	193 - 238	°C	
Mold Temperature	26.7 - 60.0	°C	
Back Pressure	0.00 - 0.689	MPa	

Screw Speed	50 - 150	rpm
Injection instructions		

Hot Runner Temperature (if applicable): 420 to 450°F

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#### Recommended distributors for this material

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