

# Ravago Compounds PP-5162

Polypropylene Copolymer

Ravago Manufacturing Americas, LLC

## Message:

Key Features:

Polypropylene Copolymer

20% Calcium Carbonate filled

UV Stabilized for extended product life in outdoor applications

Designed for large injection molded articles

Good balance of processability and physical properties

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Additive	UV stabilizer		
Features	Copolymer		
	Good UV resistance		
	Workability, good		
Uses	Outdoor application		
Appearance	White		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.06	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	1550	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256A
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 (if applicable): 420 to 450°F			

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