

Ravago Compounds PP-6063

Polypropylene Impact Copolymer

Ravago Manufacturing Americas, LLC

Message:

Key Features:

Polypropylene Impact Copolymer

30% Calcium Carbonate filled

General Purpose

Designed for Injection molded applications

Good balance of processability and physical properties

General Information			
Filler / Reinforcement	Calcium carbonate filler, 30% filler by weight		
Features	Impact copolymer		
	Workability, good		
	Compliance of Food Exposure		
	General		
Uses	General		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 - 1.4	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	2070	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
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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