

Ravago Compounds PP-6462

Polypropylene Homopolymer
Ravago Manufacturing Americas, LLC

Message:

Key Features:
Polypropylene Homopolymer
20% Calcium Carbonate filled
General Purpose
Designed for Injection molded applications
Good balance of processability and physical properties
UL Component Recognition listing (E141240)

General Information			
Filler / Reinforcement	Calcium carbonate filler, 20% filler by weight		
Features	Homopolymer		
	Workability, good		
	General		
Uses	General		
UL File Number	E141240		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.07	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	1870	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256A
Dart Drop Impact ¹ (23°C)	28.2	J	ASTM D3029
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	
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		
NOTE		
1.	Geometry GB	

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