

Ravago Compounds PP-4364

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

Key Features:

Polypropylene Homopolymer

40% Calcium Carbonate filled

Designed for injection molded articles

Good balance of processability and physical properties

UL Component Recognition listing (E141240)

General Information			
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight		
Features	Homopolymer		
	Workability, good		
UL File Number	E141240		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	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)	2760	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256A
Dart Drop Impact ¹ (23°C, 3.18 mm)	27.1	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	107	°C	ASTM D648
1.8 MPa, not annealed	63.3	°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

NOTE

1.
- Geometry GB

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