

Ravago Compounds PP-3442

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

Key Features:

Polypropylene Homopolymer

20% Talc filled

Designed for profile extrusion and sheet applications

Good balance of processability and physical properties

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Homopolymer		
	Workability, good		
Uses	Sheet		
Appearance	Natural color		
Forms	Particle		
Processing Method	Extrusion		
	Sheet extrusion molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.3	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	2680	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	32	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	127	°C	ASTM D648
1.8 MPa, not annealed	72.2	°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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