

Ravago Compounds PP-3454

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

PP-3454 is a 40% calcium carbonate reinforced, polypropylene homopolymer. This product is formulated for sheet extrusion and profile applications. PP-3454 offers a good combination of processability and physical properties.

General Information	
Filler / Reinforcement	Calcium carbonate filler, 40% filler by weight
Features	Homopolymer
	Workability, good
Uses	Sheet
	Profile
Forms	Particle
Processing Method	Sheet extrusion molding
	Profile extrusion 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)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus (23°C)	2650	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256
Dart Drop Impact ¹ (23°C)	27.1	J	ASTM D5420
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
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0 - 93.3	°C	
Drying Time	0.0 - 8.0	hr	
Cylinder Zone 1 Temp.	171 - 232	°C	
Cylinder Zone 2 Temp.	177 - 232	°C	
Cylinder Zone 3 Temp.	160 - 232	°C	
Cylinder Zone 4 Temp.	193 - 232	°C	
Cylinder Zone 5 Temp.	193 - 232	°C	
Die Temperature	160 - 232	°C	

Extrusion instructions

Screen Pack: No Finer than 100 US-mesh (40/60 to start)

NOTE

1. Geometry GB

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