

Ravago Compounds PP-6444

Polypropylene Homopolymer

Ravago Manufacturing Americas, LLC

Message:

Key Features:

Polypropylene Homopolymer

40% Talc filled

General Purpose

Designed for Injection molded applications

Good balance of processability and physical properties

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Homopolymer		
	Workability, good		
	General		
Uses	General		
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)	22	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus - Tangent (23°C)	4370	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	139	°C	ASTM D648
1.8 MPa, not annealed	90.0	°C	ASTM D648
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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

