



# Ravago Compounds PP-6224

## Ravago Manufacturing Americas - Polypropylene Impact Copolymer

Tuesday, November 5, 2019

### General Information

#### Product Description

PP-6224 is a 40% Calcium Carbonate reinforced impact copolymer polypropylene. This product is specifically designed for injection-molded applications. PP-6224 offers a good combination of processability and physical properties.

#### General

Material Status	<ul style="list-style-type: none"> <li>Commercial: Active</li> </ul>
Availability	<ul style="list-style-type: none"> <li>North America</li> </ul>
Filler / Reinforcement	<ul style="list-style-type: none"> <li>Calcium Carbonate, 40% Filler by Weight</li> </ul>
Features	<ul style="list-style-type: none"> <li>Good Processability</li> <li>Impact Copolymer</li> </ul>
Forms	<ul style="list-style-type: none"> <li>Pellets</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>

### ASTM & ISO Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.25		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield, 73°F)	2000	psi	ASTM D638
Flexural Modulus - 1% Secant (73°F)	280000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F)	1.2	ft·lb/in	ASTM D256

### Processing Information

	Nominal Value	Unit
Injection		
Drying Temperature	160 to 200	°F
Drying Time	0.0 to 8.0	hr
Rear Temperature	380 to 460	°F
Middle Temperature	380 to 460	°F
Front Temperature	380 to 460	°F
Nozzle Temperature	380 to 460	°F
Mold Temperature	80 to 140	°F
Back Pressure	0.00 to 100	psi
Screw Speed	50 to 150	rpm

#### Injection Notes

Hot Runner Temperature (if applicable): 420 to 450°F

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.