

Ravago Compounds PP-6064

Polypropylene Homopolymer
Ravago Manufacturing Americas, LLC

Message:

Key Features:
Polypropylene Impact Copolymer
40% Calcium Carbonate filled
General Purpose
Designed for Injection molded applications
Good balance of processability and physical properties

| General Information | | | |
|---|--|-------------------|-------------|
| Filler / Reinforcement | Calcium carbonate filler, 40% filler by weight | | |
| Features | Homopolymer | | |
| | Workability, good | | |
| | Compliance of Food Exposure | | |
| | General | | |
| Uses | General | | |
| Agency Ratings | FDA 21 CFR 177.1520 | | |
| 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) | 15 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (23°C) | 1.0 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Flexural Modulus - Tangent (23°C) | 2620 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C) | 80 | J/m | ASTM D256A |
| 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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