

- Polypropylene Copolymer

Friday, June 30, 2017

General Information

General

| | |
|------------------------|------------------------------|
| Material Status | • Commercial: Active |
| Availability | • Asia Pacific |
| Filler / Reinforcement | • Talc, 40% Filler by Weight |
| Forms | • Pellets |
| Processing Method | • Injection Molding |

ASTM & ISO Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|------------------|----------|-------------------------|
| Specific Gravity | 1.21 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 9.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow | 7.0E-3 to 9.0E-3 | in/in | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 4060 | psi | ASTM D638 |
| Tensile Elongation (Break) | 20 | % | ASTM D638 |
| Flexural Modulus | 363000 | psi | ASTM D790 |
| Flexural Strength | 5080 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 0.67 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed) | 268 | °F | ASTM D648 |
| Vicat Softening Temperature | 307 | °F | ASTM D1525 ² |

Notes

¹ Typical properties: these are not to be construed as specifications.

² Loading 1 (10 N)

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