



Exelene® PP

Product Data Sheet

C2504

Melt Flow Rate **25,0**

Density **0,900**

Polypropylene
PP Impact Copolymer
Injection Molding

Applications

- Garden furniture, housewares
- Thin walled articles

Characteristics

- The Exelene resin PP C2504 meets the requirements of section 177.1520, paragraph C, from chapter 21 denominated "Olefin Polymers" from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

| Properties | ASTM Testing | Units | Values |
|---|-------------------------------|-------------------|---------|
| Resin Properties | | | |
| Melt Flow Rate | D 1238 (230°C; 2,16 kgf) | g/10 min | 25.0 |
| Density | D 792 (23°C) | g/cm ³ | 0.900 |
| Additives Package | Antioxidant | | |
| Properties in standard test tubes by injection molding | | | |
| Tensile Strength @ yield | D 638 (50 mm/min, IV) | psi | 4,000 |
| Elongation @ yield | D 638 (50 mm/min, IV) | % | 6.0 |
| Flexural Modulus (1%) | D 790 I/B (13 mm/min; 3,2 mm) | psi | 210,000 |
| Notched Izod Impact | D 256A (muesca; 3,2 mm; 23°C) | ft x lb / in | 2.00 |
| Vicat Softening Point | D 1525 | °C | 150 |
| Deflection Temperature Under Load | D 648 (2°C/min; 66 psi) | °C | 90 |

(1) LTHA - Long Term Heating Aging

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