



# Exelene<sup>®</sup> PP

## Product Data Sheet

**Polypropylene**  
**PP Impact Copolymer**  
**Injection Molding**

# C1204

**Melt Flow Rate 12,0**

**Density 0,900**

### Applications

- Stadium seats, tool boxes, toys

### Characteristics

- The Exelene resin PP C1204 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
<b>Resin Properties</b>			
Melt Flow Rate	D 1238 (230°C; 2,16 kgf)	g/10 min	12.0
Density	D 792 (23°C)	g/cm <sup>3</sup>	0.900
Additives Package	Antioxidant, Antistatic Agent, Nucleating Agent		
<b>Properties in standard test tubes by injection molding</b>			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	3,550
Elongation @ yield	D 638 (50 mm/min, IV)	%	6.0
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	160,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	2.30
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	98
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	83

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