



Exelene[®] PP

Product Data Sheet

C2004

Melt Flow Rate **20,0**

Density **0,900**

Polypropylene
PP Impact Copolymer
Injection Molding

Applications

- Garden furniture, paint containers, toys
- Automotive applications, caps, closures

Characteristics

- The Exelene resin PP C2004 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	20.0
Density	D 792 (23°C)	g/cm ³	0.900
Additives Package	Antioxidant, Antistatic Agent, Nucleating Agent		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	3,100
Elongation @ yield	D 638 (50 mm/min, IV)	%	7.0
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	130,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	1.50
Vicat Softening Point	D 1525	°C	143
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	86

(1) LTHA - Long Term Heating Aging

<http://www.montachem.com>