



Exelene® 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
Resin Properties			
Melt Flow Rate	D 1238 (230°C; 2,16 kgf)	g/10 min	12.0
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	3,550
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

