



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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