



Exelene[®] PP

Product Data Sheet

C3504

Melt Flow Rate **35,0**

Density **0,900**

Polypropylene
PP Impact Copolymer
Injection Molding

Applications

- Home products with very thin sides
- Soda plastic cups, washing machine internal recipients

Characteristics

- The Exelene resin PP C3504 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	35.0
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	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	200,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	1.50
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	79
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	100

(1) LTHA - Long Term Heating Aging

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