



Exelene® PP

Product Data Sheet

Polypropylene
PP Impact Copolymer
Injection Molding

C0600

Melt Flow Rate 6,0

Density 0,900

Applications

- Compression molded soda bottle caps

Characteristics

- The Exelene resin PP C0600 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	6.0
Density	D 792 (23°C)	g/cm³	0.900
Additives Package	Antioxidant, Antistatic Agent, Slip Agent		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	4,400
Elongation @ yield	D 638 (50 mm/min, IV)	%	6.3
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	240,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	3.00
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	93
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	108

