



Exelene® PP

Product Data Sheet

Polypropylene
PP Impact Copolymer
Injection Molding

C0800

Melt Flow Rate 7,0

Density 0,900

Applications

- Automobile battery cases
- Auto parts, child car seats

Characteristics

- The Exelene resin PP C0800 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	7.0
Density	D 792 (23°C)	g/cm ³	0.900
Additives Package	Antioxidant, LTHA ¹		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	3,500
Elongation @ yield	D 638 (50 mm/min, IV)	%	7.0
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	190,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	2.10
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	65
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	90

(1) LTHA - Long Term Heating Aging

