



Exelene® PP

Product Data Sheet

Polypropylene
PP Homopolymer
Injection Molding

H1200

Melt Flow Rate **12**

Density **0.900**

Applications

- Caps, toys, Small kitchen utensils, Containers

Characteristics

- The Exelene resin PP H1200 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
Density	D 792 (23°C)	g/cm³	0.900
Additives Package	Antioxidant		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	5,200
Elongation @ yield	D 638 (50 mm/min, IV)	%	9.5
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	215,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	0.60
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	105
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	115

