



# Exelene<sup>®</sup> PP

## Product Data Sheet

**Polypropylene**  
**PP Homopolymer**  
**Injection Molding**

# H1200

**Melt Flow Rate 12,0**

**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
<b>Resin Properties</b>			
Melt Flow Rate	D 1238 (230°C; 2,16 kgf)	g/10 min	12.0
Density	D 792 (23°C)	g/cm <sup>3</sup>	0.900
Additives Package	Antioxidant		
<b>Properties in standard test tubes by injection molding</b>			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	4,800
Elongation @ yield	D 638 (50 mm/min, IV)	%	8.0
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	180,000
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	100

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