



Exelene® PP

Product Data Sheet

Polypropylene
PP Homopolymer
Injection Molding

H2000

Melt flow Rate **20**

Density **0.900**

Applications

- Caps, toys, Small kitchen utensils, Trays with thin surfaces and Pens

Characteristics

- The Exelene resin PP H2000 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	20
Density	D 792 (23°C)	g/cm³	0.900
Additive Package	Antioxidant		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	5,100
Elongation @ yield	D 638 (50 mm/min, IV)	%	8.0
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	220,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	0.50
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	105
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	110

