



Exelene[®] PP

Product Data Sheet

Polypropylene
PP Homopolymer
Raffia Extrusion

H0402

Melt Flow Rate 4.65

Density 0.905

Applications

- Raffia for industrial sacks, ropes and strings

Characteristics

- The Exelene resin PP H0402 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	4.7
Density	D 792 (23°C)	g/cm ³	0.905
Fusion Temperature	DSC	°C	165.0
Additives Package	Mix of Antioxidants with Low Water Carry Over		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 638 (50 mm/min, IV)	psi	4,800
Elongation @ yield	D 638 (50 mm/min, IV)	%	9
Flexural Modulus (1%)	D 790 I/B (13 mm/min; 3,2 mm)	psi	200,000
Notched Izod Impact	D 256A (muesca; 3,2 mm; 23°C)	ft x lb / in	0.80
Rockwell Hardness (R-Scale)	D 785 (23°C)	----	105
Deflection Temperature Under Load	D 648 (2°C/min; 66 psi)	°C	101