



Exelene® PP

Product Data Sheet

Polypropylene
PP Homopolymer
Film Extrusion

H0901

Melt Flow Rate 9

Density 0.905

Applications

- Film Extrusion.

Characteristics

- The Exelene resin PP H0901 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	9
Density	D 792 (23°C)	g/cm ³	0.905
Fusion Temperature	DSC	°C	165.0
Additives Package	Antioxidant, slip Agent, Antiblock Agent		
Properties in standard test tubes by injection molding			
Tensile Strength @ yield	D 882A (20 in/min)	psi	6,000
Elongation @ yield	D 882A (20 in/min)	%	11
Flexural Modulus (1%)	D 882A (0,2 in/min; 1%)	psi	195,000
Dart impact strength in free fall	1709A (F50; 38 mm; 66 cm)	gf	20.00
Opacity	D 1003	%	2,5

