



Exelene® PS

Product Data Sheet

Polystyrene
General Purpose Polystyrene
Extrusion Grade

6200

Melt Flow Rate 1.6

Applications

- Foam Disposables, Insulation Foam Board, OPS Disposables

Characteristics

- The Exelene resin GPPS 6200 meets the requirements of Section 177.1640, 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 (200°C; 5 kg)	g/10 min	1.6
Heat Distortion - Annealed	D 648	°C	100
Vicat Softening Point	D 1525	°C	107
Tensile Properties			
Strength	D 638	psi	7,600
Modulus	D 638	psi	440,000
Flexural Properties			
Strength	D 790	psi	15,000
Modulus	D 790	psi	490,000
Other Properties			
Density		g/cm ³	1.04
Linear Shrinkage	D 955	in/in	0.004 - 0.007
Moisture		%	<0.1

