



Exelene[®] PS

Product Data Sheet

Polystyrene
High Impact Polystyrene
Extrusion Grade

7300E

Melt Flow Rate **3.00**

Applications

- Custom Sheet Extrusion, Extrusion Thermoforming, Printing, Packaging

Characteristics

- The Exelene resin HIPS 7300E 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 (190°C; 2,16 kgf)	g/10 min	3.00
Heat Distortion - Annealed	D648	°C	95
Vicat Softening Point	D 1525	°C	101
Falling Dart	D3029	in-lb	110
Izod - Notched	D256	ft-lbs/in	2.3
Tensile Properties			
Strength	D638	psi	3,600
Modulus	D638	psi	3.00
Elongation	D638	%	50
Flexural Properties			
Strength	D790	psi	6,900
Modulus	D790	psi	3.2

<http://www.montachem.com>