



Exelene[®] PS

Product Data Sheet

Polystyrene
High Impact Polystyrene
Injection Grade

7800

Melt Flow Rate **8.00**

Applications

- Appliance Housings, Housewares, Toys and Structural Foam

Characteristics

- The Exelene resin HIPS 7800 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	8.00
Heat Distortion - Annealed	D648	°C	90
Vicat Softening Point	D 1525	°C	96
Falling Dart	D3029	in-lb	110
Izod - Notched	D256	ft-lbs/in	2
Tensile Properties			
Strength	D638	psi	3,600
Modulus	D638	psi	3.30
Elongation	D638	%	45
Flexural Properties			
Strength	D790	psi	6,500
Modulus	D790	psi	3.4

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