



Exelene® HIPS

Product Data Sheet

7280

Melt Flow Rate 2.8

Polystyrene
High Impact Polystyrene
Injection Grade

Applications

- Food packaging, cups, custom sheet and coextrusion applications.

Characteristics

- This material complies with the FDA requirements as described in 21 CFR 177.1640 for polystyrene and rubber-modified polystyrene resins intended for use in contact with food.

Properties	ASTM Testing	Units	Values
Resin Properties			
Melt Flow Rate	D 1238 (200°C; 5 kg f)	g/10 min	2.8
Heat Distortion - Annealed	D 648	°C	94
Vicat Softening Point	D 1525	°C	101
Falling weight impact test (Dart)	D 3029	in-lb	160
Izod - Notched	D 256	ft-lbs/in	3
Tensile Properties			
Strength	D 638	psi	3,800
Modulus	D 638	psi	380,000
Elongation	D 638	%	50
Flexural Properties			
Strength	D 790	psi	6,900
Modulus	D 790	psi	300,000

