

I. Stern & Co. Inc

High Impact Polystyrene

Product Data Sheet

Polystyrene 913 – High Impact Polystyrene Extrusion Grade

Features

- Good processing characteristics
- Excellent Toughness and environmental stress cracking

Applications

- Thermoformed containers and lids for food packaging
- Custom extruded sheet

<u>Property</u>	<u>Units</u>	<u>ASTM</u>	<u>Typical Value</u>
Melt Index	g/10 min	D1238	2.6
Izod Impact	ft-lb/in	D256	3.6
Vicat Softening	F	D1525	198
Heat Deflection 264psi 0.250", unannealed	F	D648	183
Tensile Yield	psi	D638	4200
Elongation	%	D638	67
Flexural Modulus	psi	D790	310,000
Flexural Strength	psi	D790	6100
UL Rating	1.5mm(59mils) 3.0mm(118mils)		94HB 94HB

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