

I. Stern & Co. Inc

High Impact Polystyrene

Product Data Sheet

Polystyrene HIPS 8 – High Impact Polystyrene Injection Grade

Features

- Good processing characteristics
- Complies with FDA requirements as described in 21 CFR 177.1640

Applications

- Displays
- House wares
- Structural Foam

<u>Property</u>	<u>Units</u>	<u>ASTM</u>	<u>Typical Value</u>
Melt Index	g/10 min	D1238	8.0
Izod	ft-lbs/in	D256	2.0
Heat Distortion	°F	D648	193
Vicat Softening	°F	D1525	205
Tensile Modulus	psi	D638	330,000
Tensile Strength	psi	D638	3,600
Linear Shrinkage	in/in	D955	.004 -.007
Flexural Modulus	psi	D790	340,000
Flexural Strength	psi	D790	6,500
UL Rating			94HB 94HB

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