

I. Stern & Co. Inc

High Impact Polystyrene

Product Data Sheet

Polystyrene HIPS SH03– High Impact Polystyrene

Features

- High Flow
- Excellent toughness
- Excellent Process ability

Applications

Injection Molding

<u>Property</u>	<u>Units</u>	<u>ASTM</u>	<u>Typical Value*</u>
Melt Index	g/10 min	D1238	10
Izod Impact	ft-lb/in	D256	2.0
Vicat Softening	F	D1525	207
Heat Deflection 264psi	F	D648	169
Tensile Yield	psi	D638	3130
Elongation	%	D638	50%
Flexural Modulus	psi	D790	256,000
Flexural Strength	psi	D638	5260

Agency Ratings: FDA 21 CFR 177.1640 UL File E185934

*Typical Values based on injection molded specimens tested at 73F, unless otherwise stated. Additives may alter some or all of these properties. I. Stern has no control over the use to which others may put this material, it does not guarantee that the same results, as those described will be obtained. I. Stern & Co. does not guarantee the effectiveness or safety of any material for the design as well as the suitability of the material or designs of both for his own particular use. Statements concerning possible or suggested uses of the materials or designs described herein are not to be construed as recommendations for use of such materials or designs.