

I. Stern & Co. Inc

Crystal Polystyrene

Product Data Sheet

Polystyrene WC-103 – General Purpose Crystal Polystyrene

Features

- Good Processing Characteristics
- UL Classification 94 HB
- Excellent Water Clarity

Applications

- Extrusion Foam
- Displays

<u>Property</u>	<u>Units</u>	<u>ASTM</u>	<u>Typical Value*</u>
Melt Index	g/10 min	D1238	1.6
Izod Impact	ft-lb/in	D256	.4
Vicat Softening	F	D1525	228
Heat Deflection 264psi	F	D648	203
Tensile Yield	psi	D638	7600
Elongation	%	D638	2.4
Flexural Modulus	psi	D790	3,448
Flexural Strength	psi	D638	15,000

*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.