

I. Stern & Co. Inc

High Impact Polystyrene

Product Data Sheet

Polystyrene N2380– High Heat Crystal Polystyrene

Features

- High Molecular Weight
- Excellent Optical Properties

Applications

- OPS
- Foamed Trays
- Thick Walled Injection Molding

<u>Property</u>	<u>Units</u>	<u>ASTM</u>	<u>Typical Value</u>
Melt Index	g/10 min	D1238	2
Izod Impact	ft-lb/in	D256	0.4
Vicat Softening	F	ISO	214
Heat Deflection 264psi	F	ISO	187
Tensile Yield	psi	D638	7107
Elongation	%	D638	2
Flexural Modulus	psi	D790	455,000
Flexural Strength	psi	D790	15,000
UL Rating	1.5mm(59mils) 3.0mm(118mils)		94HB 94HB

If used in its natural form and under the recommended processing conditions, this product meets the specifications of norm 21 CFR 177.1640 of the FDA. Product N2380 fulfills the requirements of norm UL 94 under File Number E220962

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