

### Extrusion

#### Applications

- Sheet for Thermoforming
- Food packaging
- Electronic packaging

#### Characteristics

- High ductility polystyrene
- Good mechanical and thermal properties
- Good rigidity and toughness

Property	Value	Unit	Method
Melt Index (200°C - 5 kg)	3.0	g/10min	D 1238
Spiral Flow (220°C)	44	cm	D 3123
Density	1.04	g/cm <sup>3</sup>	D 792
Mold Shrinkage	0.4 - 0.7	%	D 955
Water Absorption	.07	%	D 570
Vicat Softening Temperature	100	°C	D1525
Heat Distortion Temperature	80	°C	D 648
Coefficient of Linear Thermal Expansion	9.05	mm/°C	D 696
Notched Izod Impact Strength	10.60	kg-cm/cm	D 256
Tensile Strength at Yield	320	kg/cm <sup>2</sup>	D 638
Elongation at Break	45	%	D 638
Flexural Modulus	23000	kg/cm <sup>2</sup>	D 790
Rockwell Hardness	R99		D 785
Dielectric Strength	150	kV/mm	D 149

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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