

**GPPS1400**

**Melt Index 14**

**Izod ---**

## Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow, 200/5.0	D 1238	gm/10 min	14
Falling Dart	D 3029		---
Izod, Notched	D 256	ft-lbs/in	---
Tensile Strength	D 638	psi	6,100
Tensile Modulus (10 <sup>5</sup> )	D 638	psi	4.2
Tensile Elongation	D 638	%	---
Flexural Strength	D 790	psi	11,000
Flexural Modulus (10 <sup>5</sup> )	D 790	psi	4.4
Heat Distortion, Annealed	D 648	°F	188
Vicat Softening	D1525	°F	200

- 1 GPPS1400 complies with FDA requirements as amended in regulation 21 CFR § 177.1640.
- 2 GPPS1400 has passed Underwriters Laboratory 94HB with yellow card approvals available upon request.
- 3 Material Safety Data Sheets are available to help customers satisfy their safety needs.

- GPPS1400 is a high melt, easy flow crystal polystyrene for fast cycle injection molding.
- The high flow characteristics of this material make it easy to fill thin parts.
- GPPS1400 is utilized in products such as cutlery, tumblers and containers.
- Other features are excellent clarity and FDA compliance.