

GPPS1.600

Melt Index 1.6

Izod ---

Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow, 200/5.0	D 1238	gm/10 min	1.6
Falling Dart	D 3029	in-lbs	---
Izod, Notched	D 256	ft-lbs/in	---
Tensile Strength	D 638	psi	7,600
Tensile Modulus (10 ⁵)	D 638	psi	4.3
Tensile Elongation	D 638	%	---
Flexural Strength	D 790	psi	14,200
Flexural Modulus (10 ⁵)	D 790	psi	4.3
Heat Distortion, Annealed	D 648	°F	212
Vicat Softening	D1525	°F	224

- GPPS1.600 complies with FDA requirements as amended in regulation 21 CFR § 177.1640.
- GPPS1.600 has passed Underwriters Laboratory 94HB with yellow card approvals available upon request.
- Material Safety Data Sheets are available to help customers satisfy their safety needs.

- GPPS1.600 is a high molecular weight, low melt flow, crystal polystyrene.
- This polymer is tailored for extruded foam applications such as egg cartons, meat trays and food service.
- GPPS1.600 also makes a superior oriented polystyrene sheet.