

**GPPS03.500**

**Melt Index 3.5**

**Izod ---**

## Material Properties

Properties	Test Method	Unit	Typical Value
Melt Flow (200°C-5kg)	D 1238	g/10 min	3.5
Heat Distortion - Annealed	D 648	°F	196
Vicat Softening	D1525	°F	208
Tensile Strength	D 638	psi	7,500
Tensile Modulus (10 <sup>5</sup> )	D 638	psi	4.3
Flexural Strength	D 790	psi	14,000
Flexural Modulus (10 <sup>5</sup> )	D 790	psi	4.3
Density		g/cm <sup>3</sup>	1.04
Linear Shrinkage	D 955	in/in	.004-.007
Moisture		%	<0.1

- GPPS03.500 is a medium flow crystal polystyrene.
- Applications for GPPS03.500 include electronics, office accessories and appliance components.
- This material complies with FDA requirements as described in 21 CFR § 177.1640. This material holds Underwriters Laboratory recognition 94HB; see UL File E55470 at [www.UL.com](http://www.UL.com). USP Class VI.
- Material Safety Data Sheets are available to help customers satisfy their safety needs.