

# PolyGen 600 PS



## Product Description

Polystyrene – Injection – High Heat Crystal – General Purpose – GPPS

Properties	Property Value	Test Method
Melt Index (g/10 min)	6.0	ASTM D1238
Density (g/cm <sup>3</sup> )	1.0	ASTM D1505
Izod (ft-lbs./ in)	N/A	ASTM D256
Flexural Modulus (psi)	400,000	ASTM D882
Tensile Strength Yield (psi)	6,500	ASTM D638
Elongation @ Break (%)	N/A	ASTM D638

\* These average values were obtained from specimens molded under carefully controlled laboratory conditions. This data should be used only as a guide and no assurance can be granted by the company that all molded articles will exhibit duplicate properties at those listed above.

The information contained herein is based on our best knowledge and we believe it to be true and accurate. Please read all statements and recommendations in conjunction with our conditions of sale, which apply, to all goods supplied by us. Statements concerning possible uses of materials described herein are not to be construed as recommendations for use of such materials in the infringement of any patent or copyright. The user of this material must make their own evaluations to determine the suitability of this material from a technical as well as a health, safety and environmental standpoint. This data is not intended for specification purposes.

[shawpolymers.com](http://shawpolymers.com)



#### CORPORATE HEADQUARTERS

400 N. Indiana Ave.  
Crown Point, IN 46307