



Prime Engineering and Commodity Thermoplastic Resins

## GP 1400-G      General Purpose Polystyrene

**Description:** GP 1400-G is a high flow general purpose crystal polystyrene for compounding in granular form.

**Applications:** Masterbatch compounds

**Features:** Exceptional flow characteristics

<b>Physical Properties</b>	<b>Typical Values</b>	<b>Test Method(s)</b>
Melt Flow Rate – g/10 min (200°C/5.0kg)	14.0	D-1238
Izod – ft-lbs/in, notched	0.4	D-256
Tensile Strength - psi	6,200	D-638
Tensile Modulus –psi	460,000	D-638
Flexural Strength – psi	11,100	D-790
Flexural Modulus – psi	480,000	D-790
Heat Distortion – °F	173	D-648
Vicat Softening - °F	209	D-1525

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The nominal properties reported herein are laboratory tested and are typical data for these materials. Plastic Solutions, Inc. does not guarantee suitability of these materials for specific applications. Each user of material should make their own tests to determine suitability of a material in a design or application.

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