

## American Polymers 370 Polystyrene, High Heat

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Heat Resistant Grade

### Material Notes:

Data provided by American Polymers, Inc. A high heat polystyrene produced in pellet form. It has excellent strength and clarity as well as fast set-up properties. Used in the manufacture of toys, containers, housewares, and medical applications. Processing methods include blow molding, extrusion and injection molding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_American-Polymers-370-Polystyrene-High-Heat.php](http://www.lookpolymers.com/polymer_American-Polymers-370-Polystyrene-High-Heat.php)

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in <sup>3</sup>	ASTM D892
Melt Flow	2.0 g/10 min	2.0 g/10 min	Condition G; ASTM D 1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.7 MPa	7350 psi	ASTM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Tensile Modulus	2.60 GPa	377 ksi	ASTM D638

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	95.0 °C	203 °F	Annealed; ASTM D648
Vicat Softening Point	104 °C	219 °F	ASTM D1525

## Contact Songhan Plastic Technology Co.,Ltd.

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