

# GP130

## General Purpose Polystyrene (GPPS)

### Description:

GP130 is polystyrene resin for injection molding process with easy flow and good clarity

### Typical applications:

**Injection Molding:** Food packaging, Electrical appliances (such as refrigerator food tray), household products and etc.

Typical Properties:	Test method	Unit	Value
Melt Flow Index (5 kg/200°C)	ASTM D1238	g/10min	3.5
Tensile Strength at Yield (23°C)	ASTM D638	Kg/cm <sup>2</sup>	460
Flexural Strength at Yield (23°C)	ASTM D790	Kg/cm <sup>2</sup>	900
Flexural Modulus (23°C)	ASTM D790	×10 <sup>4</sup> Kg/cm <sup>2</sup>	2.9
Vicat Softening Temperature(12/8", 1 kg)	ASTM D 1525	°C	102

### Processing Technique

**Processing Temperature : 180-240°C**

\*\*However, the actual processing conditions depend on mold design, power of machine, equipment and other environments.\*\*

**Remark:** The values presented on the above are typical laboratory average, not to be construed as specifications and may vary within moderate ranges. The applicability or the accuracy of this information or the suitability of our products cannot be guaranteed because the conditions of use on the part or our uses are beyond our control.