

### Injection

#### Applications

- Cutlery
- Toys
- Jewellery boxes

#### Description

GPSS C12 is a high melt flow crystal polystyrene designed for good processability and short injection molding cycles.

Property	Value	Unit	Method
Melt Index	12	g/10min	ISO 1133
Spiral Flow	57	cm	
Density	1.04	cm <sup>3</sup>	ISO 1183
Vicat Softening Temperature	90	°C	ISO 306
Coefficient of Linear Thermal Expansion	7.1	mm/°C	
Izod Impact Strength	7	KJ/m <sup>2</sup>	ISO 180
Tensile Strength at Break	40	MPa	ISO 527
Flexural Modulus	2850	MPa	ISO 178
Elongation at Break	2	%	ISO 527
Rockwell Hardness	L70		ISO 2039
Surface Resistivity	>10 <sup>13</sup>	Ohms	ISO IEC 93
Water Absorption	<0.1	%	ISO 62
Molding Shrinkage	0.4-0.7	%	

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

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