

## GPPS 861 Technical Datasheet

### 1) Product Description:

Description: Polystyrene GPPS 861 is an injection molding grade general purpose polystyrene featuring low residual monomer, good transparency, good heat resistance and easy processing.

### 2) Applications:

- Electrical appliances,
- house hard wares,
- cassette & cosmetic cases
- 1 amp decoration,
- toys.

### 3) Typical data:

Property	Test method	Unit	value
Specific Gravity	ISO 1183	-	1.04
Melt Flow Index	ISO 1133	g/cm <sup>3</sup>	7.4
Tensile Strength at Yield	ISO 527	kg/cm <sup>2</sup>	44
Elongation at Break	ISO 527	%	2
Izod Impact Strength	ISO 180/1A	kg-cm/cm	1.8
Vicat Softening Temperature	ISO 306	°C	98
Heat Distortion Temperature	ISO 75A	°C	85
Flammability	UL-94	File No. E50263	94HB
Residual SM monomer	GC	ppm	300
Haze	---	%	0.4