

Technical Datasheet

- **Grade Name:** GPPS 1077
- **Categories:** Polymer, Polystyrene, General Purpose Polystyrene
- **Processing Methods:** Injection molding and Extrusion
- **Applications:** House ware, Containers, Drinking cup, Table ware, Optical parts, Plastic bangles, Cosmetic packing parts, Stationery products and XPS sheets and plates.

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	7	g/10min	ASTM D1238
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural modulus	3100	MPa	ASTM D 790
Tensile Strength	52	MPa	ASTM D 638
Charpy impact strength(un notched)	8	Kj/m ²	ASTM D 256
Thermal Properties			
Vicat Softening Point @ 120 °C, 1 Kg (min)	100	°C	ASTM D 1525

Typical Properties: These values are not to be considered as product specifications.

