

Technical Datasheet

- Grade Name: GPPS 1551
- Categories: Polymer, Polystyrene, General Purpose Polystyrene
- Applications: Thin-walled food containers, medical ware (petri dishes etc), Office stationery, Housewares, etc.
- Feature: High strength & High cycle polystyrene

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	9	g/10min	ASTM D1238
Mechanical Properties			
Properties	Value	Unit	Test Method
Izod Impact Strength (notched, t=6.4 mm)	2.4	Kg-cm/cm	ASTM D 256
Tensile Strength at Yield	440	Kg/cm ²	ASTM D 638
Tensile modulus	2.6×10^4	Kg/cm ²	ASTM D 638
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	92	°C	ASTM D 1525

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

