

Technical Datasheet

- **Grade Name:** GPPS 1540
- **Categories:** Polymer, Polystyrene, General Purpose Polystyrene
- **Processing Methods:** Extrusion or injection
- **Applications:** Packaging articles, petri dishes, office equipment, pen barrels, crisper boxes for refrigerators, cups gloss layer coextrusion. anionic styrene butadiene copolymer dilution

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	11	g/10min	ASTM D1238
Density	1.04	Kg/lit	ASTM D792
Mechanical Properties			
Properties	Value	Unit	Test Method
ROCKWELL HARDNESS	L SCALE/ 70	-	ASTM D 1525
Tensile Strength at Break	42	MPa	ASTM D 638
Elongation at Break	2	%	ASTM D 638
Styrene residual monomer	<500	ppm	CLG LABPSG004 (ATOFINA TEST METHOD)
Tensile modulus	3100	MPa	ASTM D 638
Linear mold shrinkage	0.4-0.7	%	ASTM D 955
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	91	°C	ASTM D 1525

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

