

Technical Datasheet

- Grade Name: GPPS 1460
- Categories: Polymer, Polystyrene, General Purpose Polystyrene
- Processing Methods: Extrusion & Injection moulding
- Applications: Insulation board(xps), Foam sheet of food & fruits trays
- Features: High heat resistance

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	6.5	g/10min	ASTM D1238
Density	1.04	Kg/lit	ASTM D792
Mechanical Properties			
Properties	Value	Unit	Test Method
Tensile modulus	3200	MPa	ASTM D 638
Tensile Stress at Break	48	MPa	ASTM D 638
Elongation at Break	1	%	ASTM D 638
Styrene residual monomer	<500	ppm	CLG LABPSG004 (ATOFINA TEST METHOD)
Linear mold shrinkage	0.4-0.7	%	ASTM D 955
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	103	°C	ASTM D 1525

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

