

Technical Datasheet

- Grade Name: GPPS 1160
- Categories: Polymer, Polystyrene, General Purpose Polystyrene
- Processing Methods: Extrusion
- Applications: Shower cabinets, lighting thin films, Insulation board, Foam sheet of fruits trays, Meat trays, Egg boxes
- Features: High heat resistance

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	2.5	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	3	%	ASTM D 638
Styrene residual monomer	<500	ppm	CLG LABPSG004 (ATOFINA TEST METHOD)
ROCKWELL HARDNESS	SCALE/L70	-	ASTM D 785
Linear mold shrinkage	0.4-0.7	%	ASTM D 955
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	105	°C	ASTM D 1525

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

