

Technical Data Sheet**GPPS 1160**

General Purpose Polystyrene

GPPS1160 is a high heat resistance and molecular weight crystal polystyrene for extrusion and bi oriented polystyrene industry. It is particularly useful in the production on thick sheet by direct inject gassing.

GPPS 1160 can also be used in dilution with HIPS 7240 for extrusion of sheet for thermoforming. This Grade has food contact approval.

Applications

Shower cabinets, lighting thin films, insulation board, foam sheet of fruits trays, meat trays, egg boxes.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
Melt Flow Index(200°C/200Kg)	g/10 min	ASTM D-1238	2.5
Styrene Residual Monomer	PPM	CLG LABPSG004 (ATOFINA Test Method)	<500
Vicat Softening Point (50°C/hr 1 kg)	°C	ASTM D-1525	105
Rockwell Hardness	-	ASTM D-785	SCALE/70
Tensile Stress at Break	MPA	ASTM D-638	48
Elongation at Break	%	ASTM D 638	3
Tensile Modulus	MPA	ASTM D638	3200