

GPPS 1460 Technical Datasheet

1) Product Description:

GPPS1460 is a high heat resistance and molecular weight crystal polystyrene for extrusion and thick walled injection moulding application. It is particularly useful in the production of thick sheet by direct inject gassing, where it gives expanded sheets with high mechanical properties. This grade has food contact approval.

2) Applications:

Insulation board (xps), foam sheet of food & fruits trays.

3) Typical data:

Property	Test method	Unit	Value*
MELT FLOW INDEX(200°C-5KG)	ASTM D-1238	g/10min	6.5
STYRENE RESIDUAL MONOMER	CLG LABPSG004 (ATOFINA TEST METHOD)	PPM	<500
VICAT SOFTENING POINT (50 °C/hr 1kg)	ASTM D-1525	°C	103
TENSILE STRESS AT BREAK	ASTM D-638	MPA	48
ELONGATION AT BREAK	ASTM D-638	%	1
TENSILE MODULUS	ASTM D-638	MPA	3200

*Typical values not to be construed as specifications.