

GPPS 1460 Technical Datasheet

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.

Features:

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

Applications:

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



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