



NAME: GPPS1460

Product Description:

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

Applications:

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

Typical data: (Table)

Property	Unit	Value	Test Method
MFI (200°C/5kg)	g/10 min	6,5	ISO 1133 H
Styrene residual monomer	PPM	<500	CLGLABPSG004 (ATOFINA TEST METHOD)
Vicat softening point (50 °C/hr 1kg)	°C	103	ISO 306A50
Tensile strength at break	MPa	48	ISO 527-2
Elongation at break	%	1	ISO 527-2
Tensile modulus	MPa	3200	ISO 527-2
Water adsorption	%	<0.1	ISO 62