



PRODUCT DATA SHEET

Product Category	Product Name	Grade
POLYMERS	POLYSTYRENE - GPPS	GPPS - 1540

Property	Unit	Value	Test Method
MFI (200oc/5kg)	g/10 min	2.5	ASTM D 1238
Styrene residual monomer	PPM	<500	CLGLABPSG004 (ATOFINA TEST METHOD)
Vicat softening point	OC	Min101	ASTM D 1525
Rockwell hardness	-	Scale L70	ASTM D 785
Tensile strength @ yeild	MPa	-	ASTM D 638
Tensile strength @ break	MPa	48	ASTM D 638
Elongation @ break	%	3	ASTM D 638
Flexural modulus	MPa	2900	ASTM D 790
Tensile modulus	-	3200	ASTM D 638
Refractive index	-	1.591	ISO Method
Water Absorption	%	<0.1	ASTM D 570

Application	Extrusion: Shower cabinets; Lighting thin films; Diluted with high impact polystyrene for thermoforming, it shows resistance against high temperatures. In line extrusion /thermoforming of transparent cups. •Direct gassing: Insulation board; Foamed sheet for thermoforming of fruit trays, meat trays, egg boxes.
Packaging	25 Kg plastic bag.

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