



## GPSS 1309

### Product Description:

GPSS 1309 is a general purpose polystyrene grade with high flow properties and good clarity. It is recommended for applications where a specific balance of flow and strength are important. In injection molding, GPSS 1309 possesses low viscosity at the high shear rate. It is particularly suitable for glossy-layer co-extrusion.

### Application:

- Packing articles
- Petri dishes
- Boxes for refrigerators
- Office equipment's

PROPERTY	VALUE	UNIT	TEST METHOD
Melt Flow Rate (200°C/ 5Kg)	11	g/10m in	ASTM D1238
Vicat softening point (10N)	Min 91	°C	ASTM D1525
Notched IZOD impact strength (23°C)	1.5	KJ/m2	ASTM - D256
Unnotched IZOD impact strength (23°C)	8	KJ/m2	ASTM - D256
Tensile strength at break	42	Mpa	ASTM - D638
Elongation at break	2.5	%	ASTM - D638
Flexural modulus	3100	Mpa	ASTM - D638
Water absorption	<0.1	%	ASTM - D570
Moulding Shrinkage	0.4 - 0.8	%	ASTM D - 955
Styrene Residual Monomer	<500	PPM	CLGLABPSG004 (ATOFINA TEST METHOD)

All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests.