



NAME: GPPS1540B

Product Description:

GPPS1540B is an easy flowing crystal polystyrene designed for extrusion or injection applications. It improves extruder output and thermoforming cycle time when mixed with a super high impact polystyrene such as HIPS7240. It is not suitable for glossy-layer extrusion.

Applications:

Packaging articles, petri dishes, office equipment's, pen barrels, crisper boxes for refrigerators, cups gloss layer co-extrusion. Anionic styrene butadiene copolymer dilution.

Typical data: (Table)

PROPERTY	UNIT	METHOD	VALUE
MELT FLOW INDEX(200°C-5KG)	g/10min	ASTM D-1238	11
STYRENE RESIDUAL MONOMER	PPM	CLG LABPSG004 (ATOFINA)	<500
VICAT SOFTENING POINT (50°C/hr1kg)	°C	ASTM D-1525	91
ROCKWELL HARDNESS	-	ASTM D-785	L SCALE/ 70
TENSILE STRESS AT BREAK	MPA	ASTM D-638	42
ELONGATION AT BREAK	%	ASTM D-638	2
TENSILE MODULUS	MPA	ASTM D-638	3100

*All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S. (standard sales specifications)
Density and shrinkage of this grade are approximately around 1.04 kg/lit & (0.4-0.7) % (ASTM D-955) respectively.

All test are carried out at 23°C, unless otherwise stated.

If the injection molding products quality is affected by moisture, granules of GPPS could be dried at 70°C for 2-4 hours.