

## GPPS 1540

### Description:

GPPS1540 is an easy flowing crystal polystyrene designed for extrusion or injection applications. It improves extruder output and thermoforming cycle time when mixed with a high impact polystyrene such as HIPS7240. It is particularly suitable for glossy-layer coextrusion.

Properties	Test Method	Unit	Value
Melt Flow Index (200°C-5KG)	ASTM D-1238	g/10min	11
Styrene Residual Monomer	CLG LABPSG004 (Atofina)	PPM	<500
Vicat Softening Point ( 50 °C/hr 1kg)	ASTM D-1525	°C	91
Rockwell Hardness	ASTM D-1525	-	SCALE/L70
Tensile Stress at Break	ASTM D-638	MPA	42
Elongation at Break	ASTM D-638	%	2
Tensile Modulus	ASTM D-638	MPA	3100

### Applications:

Packaging articles, petri dishes, office equipments, pen barrels, crisper boxes for refrigerators, cups gloss layer coextrusion. Anionic styrene butadiene copolymer dilution.

**Producer:** Tabriz Petrochemical Company