

# Technical Data Sheet

Category: Polymer

Product name: HIPS7240

**Description:** HIPS7240 is a very high impact polystyrene for the extrusion industry. This grade has been designed to be diluted with crystal polystyrene.

**Typical Applications:** Applications: darty sheet, cups, trays, egg boxes, general packaging, coextrusion with GPPS at industrial sheets. The good melt strength of this grade makes it particularly suited for deep-draw thermoforming. HIPS7240 is available in white color.

## Characteristics:

Property	Value	Unit	(Test Method)
Melt Flow Rate(200°C, 5kg)	4.5	g/10min	ASTM D1238
Styrene residual monomer	<500	PPM	CLG LABPSG004 (ATOFINA TEST METHOD)
Izod Impact	11	KJ/M2	ASTM D-256
Vicat Softening Point ( 50 °C/hr 1kg)	97	°C	ASTM D-1525
Rockwell hardness	SCALE/R65	-	ASTM D-785
Tensile stress at yeild	23	MPA	ASTM D-638
Tensile stress at break	21	MPA	ASTM D-638
Elongation at break	60	%	ASTM D-638
Tensile modulus	1950	MPA	ASTM D-638

