

**Technical Data Sheet**

**HIPS 7240**

High Impact Polystyrene

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

The good melt strength of this grade makes it particularly suited for deep-draw thermoforming. HIPS7240 is available in white color.

**Applications:**

Thermoforming: Cups; Trays; Egg boxes; General packaging. Diluted with crystal for CD inserts, Shoe heels.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
Melt Flow Index(200°C/5 Kg)	g/10 min	ASTM D-1238	4.5
Styrene Residual Monomer	PPM	CLG LABPSG004 (Atofina Test Method)	<500
Vicat Softening Point (50°C/hr 1 kg)	°C	ASTM D-1525	97
Rockwell Hardness	-	ASTM D-785	L SCALE/R65
Tensile Stress at Break	MPA	ASTM D-638	21
Tensile Stress at Yield	MPA	ASTM D-638	23
Elongation at Break	%	ASTM D-638	60
Tensile Modulus	MPA	ASTM D-638	1950
Izod Impact	KJ/m2	ASTM D-256	11