

Technical Datasheet

- **Grade Name:** HIPS 7240
- **Categories:** Polymer, Polystyrene, High Impact Polystyrene
- **Processing Methods:** Extrusion
- **Applications:** Darty sheet, cups, trays, egg boxes, general packaging, Coextrusion with GPPS at industrial sheets
- **Features:** Good melt strength

Physical Properties			
Properties	Value	Unit	Test Method
MFI (200°C/5 Kg)	4.5	g/10min	ASTM D1238
Density	1.04	Kg/lit	ASTM D792
Mechanical Properties			
Properties	Value	Unit	Test Method
Izod Impact (Notched) at 23°C	11	KJ/m ²	ASTM D 256
ROCKWELL HARDNESS	SCALE/R 65	-	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
Styrene residual monomer	<500	ppm	CLG LABPSG004 (ATOFINA TEST METHOD)
Tensile modulus	1950	MPa	ASTM D 638
Linear mold shrinkage	0.4-0.7	%	ASTM D 955
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	97	°C	ASTM D 1525

Typical Properties: These values are not to be considered as product specifications.

