

HIPS 7240

Description:

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.

Properties	Test Method	Unit	Value
Melt Flow Index (200°C-5KG)	ASTM D-1238	g/10min	4.5
Styrene Residual Monomer	CLG LABPSG004 (Atofina)	PPM	<500
Vicat Softening Point (50 °C/hr 1kg)	ASTM D-1525	°C	97
Rockwell Hardness	ASTM D-785	-	SCALE/R65
Tensile Stress at Yeild	ASTM D-638	MPA	23
Tensile Stress at Break	ASTM D-638	MPA	21
Elongation at Break	ASTM D-638	%	60
Tensile Modulus	ASTM D-638	MPA	1950
Izod Impact	ASTM D-256	KJ/M2	11

Applications:

Darty sheet, cups, trays, egg boxes, general packaging, coextrusion with GPPS at industrial sheets.

Producer: Tabriz Petrochemical Company