

HIPS 7240
HIGH IMPACT POLYSTYRENE

- Product Description

- HIPS 7240 is a very high impact polystyrene used in extrusion industry . This grade is designated to be diluted with crystal polystyrenes (such as GPPS 1240, 1340 or 1540).
- The good melt strength of this grade makes it particularly suitable for deep-draw thermoforming. HIPS 7240 is available in white color.

- Applications

- Extrusion: Darty sheet. Coextrusion with EVOH PE., in dilution with crystal industrial sheets.
- Thermoforming: Cups;Trays; Egg boxes; General packaging. Diluted with crystal for CD inserts, Shoe heels.

- Typical Data

Property	Unit	Value	Test Method
MFI (200oc/5kg)	g/10 min	4.5	ASTM D 1238
Styrene Residual Monomer	ppm	<500	CLGLABPSG004 (ATOFINA TEST METHOD)
Vicat Softening Point	°C	Min. 94	ASTM D 1525
Rockwell Hardness	-	Scale L65	ASTM D 785
Tensile Strength @ Yield	MPa	21	ASTM D 638
Tensile Strength @ Break	MPa	20	ASTM D 638
Elongation @ Break	%	55	ASTM D 638
Flexural Modulus	MPa	1750	ASTM D 790
Tensile Modulus	MPa	1800	ASTM D 638
Izod Impact	%	Min. 8.5	ISO 180/1A
Water Absorption	%	<0.1	ASTM D 570