

AKSAD GROUP PETROCHEM

HIPS7240

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

darty sheet,cups,trays,egg boxes,general packaging,coextrusion with GPPS at industrial sheets.food containers

Properties	Value	Unit	Method
MELT FLOW INDEX(200°C-5KG)	4.5	g/10min	ASTM D-1238
STYRENE RESIDUAL MONOMER	<500	PPM	CLG LABPSG004 (ATOFINA METHOD) TEST
VICAT SOFTENING POINT (50 °C/hr 1kg)	97	°C	ASTM D-1525
ROCKWELL HARDNESS	SCALE/R65	-	ASTM D-785
TENSILE STRESS @ YEILD	23	MPA	ASTM D-638
TENSILE STRESS @BREAK	21	MPA	ASTM D-638
ELONGATION @ BREAK	60	%	ASTM D-638
TENSILE MODULUS	1950	MPA	ASTM D-638
IZOD IMPACT	11	KJ/M2	ASTM D-256

* All above mentioned data are typical values and not to be construed as real specifications.Users should confirm results by their own tests.For more information about guaranteed items, please refer to S.S.S.(Standard Sales Specifications)

Density and shrinkage of this grade are approximately around 1.04 kg/lit & (0.4-0.7)%(ASTM D-955) respectively.

All test are carried out at 23°C , unless otherwise stated.

If in grade reference the fourth digit is "1"(7241) ,indicates an external lubricants is included.