HIPS

HIPS7240

Product Description:

HIPS7240 is very high impact polystyrene for the extrusion industry. This grade has been designed to dilute with crystal polystyrene. The good melt strength of this grademakes it particularly suited for deep-draw thermoforming.HIPS 7240 is available in white color.

Applications: cups, trays, egg boxes, general packaging, co extrusion with GPPS at industrial sheets .Food container.

Typical data – HIPS 7240

PROPERTY	TEST METHOD	UNIT	VALUE
MELT FLOW INDEX(200 C-5KG)	ASTM D-1238	g/10min	4.5
STYRENE RESIDUAL MONOMER	CLG LABPSG004	PPM	<500
VICAT SOFTENING POINT (50 °C/hr 1kg)	ASTM D-1525	C	97
ROCKWELL HARDNESS	ISO 2039-2	-	SCALE/R65
TENSILE STRESS AT YEILD	ISO527-2	MPA	23
TENSILE STRESS AT BREAK	ISO527-2	MPA	21
ELONGATION AT BREAK	ISO527-2	%	60
TENSILE MODULUS	ISO527-2	MPA	1950
IZOD IMPACT	ISO180/1A	KJ/M2	11

*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 testsare carried out at 23°C, unless otherwise stated. If in grade reference the fourth digit is “1”(7241) indicates an external lubricants is included.