

	<b>TYPICAL DATA SHEET*</b>	<b>ISSUE DATE</b>	<b>16/June/2020</b>
	<b>HIGH IMPACT POLYSTYRENE (HIPS)</b>	<a href="http://WWW.TPCO.IR">WWW.TPCO.IR</a>	
	<b>HIPS7240WB</b>	IRAN/TABRIZ/TABRIZ PETROCHEMICAL COMPANY/P.O.BOX:51745-354/TEL: +984134282612	

HIPS7240WB 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 grade makes it particularly suited for deep-draw thermoforming. HIPS7240WB is available in white blue color. This grade has food contact approval.

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

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
<b>MELT FLOW INDEX(200°C/5KG)</b>	g/10min	ASTM D-1238	4.5
<b>STYRENE RESIDUAL MONOMER</b>	PPM	CLG LABPSG004 (ATOFINA TEST METHOD)	<500
<b>VICAT SOFTENING POINT ( 50 °C/hr 1kg)</b>	°C	ASTM D-1525	97
<b>ROCKWELL HARDNESS</b>	-	ISO2039-2	SCALE/R65
<b>TENSILE STRESS AT YEILD</b>	MPA	ISO527-2	23
<b>TENSILE STRESS AT BREAK</b>	MPA	ISO527-2	21
<b>ELONGATION AT BREAK</b>	%	ISO527-2	60
<b>TENSILE MODULUS</b>	MPA	ISO527-2	1950
<b>IZOD IMPACT</b>	KJ/M2	ISO180/1A	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 tests are carried out at 23°C, unless otherwise stated.