



HIPS6630

HIPS6630 is high impact polystyrene for the injection molding industry. This grade has been designed to be diluted with crystal polystyrene.

The high melt flow index of this grade makes it particularly suited for fast cycling injection molding. HIPS6630 is available in white color.

Applications

general injection molding, computer keyboards, toys, spools

Producer

Tabriz Petrochemical Company

Property	Unit	Test Method	Typical Value
Met Flow Index (200°C-5KG)	g/10min	ISO 1133 H	13
Styrene Residual Monomer	PPM	CLG LABPSG004 (ATOFINA TEST METHOD)	<500
Vicat Softening Point (50 °C/hr 1kg)	°C	ISO 306A50	91
Rockwell Hardness	-	ISO 2039-2	SCALE/L70
Tensile Stress At Break	MPA	ISO 527-2	24
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Elongation At Break	%	ISO 527-2	45
Flexural Modulus	MPA	ISO 178	1900
Tensile Modulus	MPA	ISO 527-2	3110
Izod Impact	KJ/M2	ISO180/1A	5
Water Adsorption	%	ISO 62	<0.1

* 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.