



The Plastic Films Specialist

## Tenopex® Technical Data Sheet Packaging Films - HIPS

### Description and Applications

Tenopex's HIPS (High Impact Polystyrene) is a rigid plastic film that is easily thermoformed, printed, die cut and fabricated. HIPS provides excellent dimensional stability and impact resistance. Typical applications include printed POP marketing signage, consumer packaging, rigid in-process handling and shipping trays for electronic components and assemblies and other general purpose protective packaging. Tenopex's HIPS film is available in thicknesses ranging from 0.2mm-1.2mm.

### Typical Property Values

Property	Test Method	Units	Value
<b>Physical</b>			
Density	ASTM D792	g/cm <sup>3</sup>	1.03-1.05
<b>Mechanical</b>			
Tensile Strength (at Yield)	ASTM D882-09	MPa	20.3
Tensile Strength (at Break)	ASTM D882-09	MPa	17.4
Elongation at Break	ASTM D882-09	%	40
Tensile Modulus	ASTM D882-09	MPa	1130
Impact Resistance	ASTM D1709-08	g	883
<b>Thermal</b>			
Vicat Softening Temperature	ASTM D1525-07	°C	90.2

Tenopex Plastics Co., Ltd

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*Tenopex Plastics Co., Ltd is an sole distributor of PlastCo Technology Co., Ltd (integral part of Nantai Group) which was founded in Hongkong with state of the art technologies extrusion of plastic films servicing customers domestically and internationally*



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### HIPS Specifications

Property	Specification
Thickness	0.25mm-1.2mm
Width	Upto 760mm
Colour	Natural White, White, Black, Grey

These are typical properties and are not intended for specification purposes. If minimum certifiable properties are required, please contact your local PlastCo sales representative. Reported values are based on 0.250 mm thickness film unless otherwise noted.

Each user is responsible for making its own determination as to the suitability of Tenopex's products, services and recommendations for the user's particular use through appropriate end-use testing and analysis. Although any information or technical recommendation will be given without warranty or guarantee or implied, that the results indicated herein are obtained under end-use conditions. Except as provided in seller's standard conditions of sale, seller shall not be responsible for any loss resulting from any use of its products or services described herein.

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