

Tenopex® HIPS Packaging Technical Data Sheet

Description and Applications

Tenopex® HIPS (High Impact Polystyrene) is a rigid plastic film that is easily thermoformed, printed, die cut and fabricated. It provides excellent dimensional stability and impact resistance. Typical applications include printed POP marketing signage, consumer packaging, rigid in-process handling & shipping trays for electronics components and assemblies, as well as other general purpose protective packaging.

Tenopex® HIPS film is available in thicknesses ranging from 0.2mm to 1.2mm

Typical Property Values

Property		Test Method	Units	Value
Physical				
Density		ASTM D792	g/cm ³	1.03 – 1.05
Mechanical				
Tensile Strength	At Yield	ASTM D882-09	MPa	20.3
	At Break			17.4
Elongation At Break		ASTM D882-09	%	40
Tensile Modulus		ASTM D882-09	MPa	1130
Impact Resistance		ASTM D1709-09	g	833
Thermal				
Vicat Softening Temperature		ASTM D1525-07	°C	90.2

HIPS Roll Specifications

Property	Specifications
Thickness	0.2mm to 1.2mm
Width	Up to 760mm
Color	Natural, White, Black, Grey

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These are typical properties and are not intended for specifications purposes. If minimum certifiable properties are required, please contact your local sales representative. Reported values are based on 0.35mm thickness film unless otherwise noted.

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