



The Plastic Films Specialist

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/cm3	1.03 – 1.05
Mechanical			
Tensile Strength	At Yield	ASTM D882-09	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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