



The Plastic Films Specialist

Tenopex® GAG Packaging Technical Data Sheet

Description and Applications

Tenopex® GAG is a co-extruded film with a middle layer of APET and outer layers of PETG. It is highly transparent with excellent mechanical and thermoforming properties. GAG provides the advantages of PETG such as printability without pre-treatment, sealing with high frequencies or adhesive. GAG films and sheets are widely used for packaging of electronics, cosmetics, toys, medical equipment, stationery and gifts. It can also be used for signage and graphics applications such as labels, signs and cards.

Tenopex® GAG is available in thicknesses ranging from 0.3mm – 1.5mm

Typical Property Values

Property	Test Method		Units	Value
Physical				
Density	ASTM D792		g/cm3	1.34
Optical				
Light Transmission	ASTM D1003		%	90.9
Haze	ASTM D1003		%	1.2
Mechanical				
Tensile Strength	MD	ASTM D882-10	MPa	61.6
	CD			61.6
Elongation At Break	MD	ASTM D882-10	%	4.9
	CD			4.7
Tensile Modulus	MD	ASTM D638-10	MPa	2500
	CD			2570
Impact Resistance	ASTM D1709-09		g	770
Thermal				
Glass Transition Temperature (Tg)	ISO 1 1357-2 : 1999 DSC		°C	88
Electrical				
Surface Resistivity (for antistatic grade only)	ASTM D257		Ω	10 ⁹⁻¹¹

GAG Roll Specifications

Property	Specifications
Thickness	0.15mm to 1.5mm
Width	500mm to 1220mm, custom widths available upon request
Color	Clear
Surface Finish	Polished / Polished

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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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