

Prime PET-G™ 14471

Our Prime PET-G 14471 is the product of choice for most designers because of its superior impact resistance and easy fabrication. Prime PET-G is an environmentally friendly alternative to PVC and is a mid-range priced product environmentally friendly acrylic and polycarbonate.

Offers excellent clarity, outstanding toughness, chemical resistance, and formability. Prime PET-G is also available with UVI and offers weatherability without sacrificing clarity.

Customization

Prime PET-G is often chosen for cost advantage over other clear materials with its great finishing characteristics.

Prime PET-G is typically clear however white and custom colors are available upon request. Material can be ordered in sheets or rolls.

Sustainability

Sustainability includes considering the product's circularity or end of life during the design of the finished product. Prime PET-G is a polyester (recycle code 1) that can be recycled as a post-industrial or post-consumer product. Contact your Primex Territory Business Manager or check with local recycling facilities to determine where it is collected and recycled.

Primex Sustainability: A better tomorrow, starting today!



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Prime PET-G™ 14471 | Data Sheet

Prime PET-G 14471 is an economical high-clarity PET-G co-polyester resin developed for thick sheet applications.

Applications

Prime PET-G is designed for point of purchase, displays, store fixtures, indoor and outdoor signs, vending machine parts, and industrial building construction, and architectural components.

Finishing

Techniques used for the fabricating and finishing of Prime PET-G include; cold and hot bending, sawing, drilling, punching, shearing, and die cutting. Saw edges can be mechanically, flame or solvent polished. Prime PET-G 14471 can be painted, hot stamped and is easy to bond with commercial products.

Colors, Textures, and Capabilities

Prime PET-G 14471 can be color matched to meet your specific requirements, however, it is generally a clear product. It is available in thicknesses of .060-.236 and up to 56" in width.

Property	Method	Value	Unit
Specific Gravity	D1505	1.27	
Rockwell Hardness	D785	115	R Scale
Tensile @ Yield	D638	7,700	psi
Elongation @ Break	D638	50	%
Flexural Modulus	D790	310,000	psi
Notched Izod @ 73°F	D256	1.7	ft-lb/in
Notched Izod @ -22°F	D256	.7	ft-lb/in
Haze	D1003	<1	%
CLTE	D696	4x10 ⁻⁵	in/in/°F
HDT @ 264 psi	D648	157	°F
Vicat Softening Point	D1525	181	°F

FDA and UL compliant materials available upon request.

Prime PET-G 14471	Very High	High	Avg.
Impact Strength			*
Low Temperature Impact Strength			*
Tensile Strength		*	
Flexural Modulus	*		
Heat Deflection Temperature			*

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