

FEATURES

- Clear plastic polyethylene terephthalate glycol (PETG) sheet
- Very good chemical resistance
- Easily screen printed/vacuum formed
- Length of 1.2 m
- Width of 620 mm
- Thickness of 1 mm
- Density of 1.27 g/cm³
- 78 rating on Shore D hardness scale
- Water absorption rate of 0%
- High impact strength between -29°C and +65°C
- Flammability rating of UL 94 HB
- FDA approved

Clear Plastic Sheet, 1200mm x 620mm x 1mm

RS Stock No.: 334-6444



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Do you need a versatile, transparent material for durable packaging? This clear plastic sheet is made from a glycol-modified version of polyethylene terephthalate that's easy to weld, screen print or vacuum form into any shape.

The polyethylene terephthalate glycol (PETG) sheet offers good optical clarity, so you can see through it to the product, and also has a rating of 78 on the Shore D hardness scale, so it can endure high-impact knocks and drops, even at temperatures as low as -29°C. The plastic sheet is also resistant to chemicals and has 0% water absorption, which means your packaging will be moisture-resistant and keep out contamination and solvents.

General Specifications

Colour	Clear
Material	PETG Plastic Polyethylene Terephthalate Glycol
Laminated	No
Flammability Rating	UL 94 HB
Applications	Bottles for drinks

Mechanical Specifications

Length	1.2m
Width	620mm
Thickness	1mm
Density	1.27g/cm ³
Hardness	78 Shore D
Water absorption	0%
Elongation	50%

Operation Environment Specifications

Maximum Operating Temperature	+65°C
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Approvals

Compliance/Certifications

UL 94 HB, FDA Approved, RoHS Compliant