FEATURES

- **Clear plastic sheet**

- **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 6 mm**

- **Density of 1.27g/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**

- **Easy to weld**

Clear Plastic Sheet, 1200mm x 620mm x 6mm

RS Stock No.: 334-6488

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

When you need a tough, transparent and pliable material to package food or medicines, this versatile thermoplastic polyester sheet is perfectly suited to the job. Easy to weld or vacuum form into your required shape, it offers good optical clarity and can be screen-printed for labelling.

The polyethylene terephthalate glycol (PETG) sheet combines the flexibility of plastic with a Shore D 78 hardness rating, so it can withstand high-impact knocks and drops. It also has good chemical resistance and 0% water absorption, protecting contents from damage from moisture, solvents, or contamination. The material retains these benefits at temperatures as low as -29°C, so it's suitable for frozen products.

General Specifications

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

Mechanical Specifications

Length	1.2m
Width	620mm
Thickness	6mm
Density	1.27g/cm³
Hardness	78 Shore D
Water absorption	0%
Elongation	50%
Impact Strength	-29°C and +65°C

Operation Environment Specifications

Maximum Operating Temperature	+65°C

Approvals

Compliance/Certifications	UL 94 HB, FDA Approved, RoHS Compliant