



## Polyethylene Terephthalate Plastic Containers Characteristic of PET

<b>Clarity</b>	Clear
<b>Moisture Barrier</b>	Fair to Good
<b>Oxygen Barrier</b>	Good
<b>Acid Resistance</b>	Fair to Good
<b>Grease &amp; Oil Resistance</b>	Good
<b>Fill Temperature</b>	160°F
<b>Stiffness</b>	Moderate to High
<b>Impact Resistant</b>	Good to Excellent
<b>Heat Resistance</b>	Poor to Fair
<b>Cold Resistance</b>	Good
<b>Sunlight Resistance</b>	Good

### Other Characteristics of PET:

PET(Polyethylene Terephthalate) Plastics are generally clear, tough and are a good barrier to gas and moisture. PET also has a good resistance to heat.

### PET for Packaging:

PET is a good choice for product packaging because of its many desirable characteristics. PET is available in a wide range of colors shapes and sizes. Darker colored PET plastic containers may be best for blocking UV rays from light sensitive materials. PET is highly resistant to dilute acids, oils, and alcohols.

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- Amber
- Clear
- Green
- Frosted

### >> Glass Jars

### >> Glass Vials

### >> Plastic Bottles

- PET Bottles
- PE and Other
- Tubes & Vials
- Labware

### >> Plastic Jars

### >> Pails, Drums

### >> Metal Containers

- Metal Tins
- Metal Cans

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PET can be identified easily by locating its recycling code symbol. PET is denoted by the familiar triangular shaped arrows with the number 1 in the center. PET can be recycled into many other products besides bottles and jars, other recycled PET products include ski coat fibers, fleece vest as well as sleeping bag lining. For more information regarding PET Recycling see the Recycling Plastics Help/Info Page.

**PET's Role in History:**

PET has been used for more then just bottles throughout the years. During WWII it was used as a coating for underwater cables. PET lightweight nature made it a great material to use to insulate radars, which helped to reduce the weight of the radars.

**To purchase PET plastic containers please visit:**

Plastic Containers  
Plastic Bottles  
Plastic Jars  
PET Plastic Bottles

**Other Plastic Container Material**

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**PVC** Plastic Containers  
**LDPE** Plastic Containers  
**PP** Plastic Containers  
**PS** Plastic Containers

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