

POLYETHYLENE TEREPHTHALATE

Common Abbreviation:	PET
Full Name:	Polyethylene Terephthalate
Recycling Code:	1
Moulding Methods:	Injection, Blow
Recommended Temp. Range:	-30°C to +60°C
Structural Strength:	Good
Impact Resistance:	Excellent
Identification:	Normally clear but moulded in clear greens and browns. Scuffs easily.
Joining or Repair Methods:	None
Related Materials:	CPET (Crystalline PET) Temperature range -30°C to +200°C. Used for ready to eat meal containers.

General Comments:

Used in production of soft drink and Beer bottles, food containers. Usually the thread is Injection moulded and then blow mould to shape.

Recycle applications Industrial:

Most manufacturers of products would recycle all reject items and off cut materials by granulating the material and then re-extrude or remould as the material loses none of its physical properties.

Recycle applications Domestic:

Probably the largest by volume of all the plastics finding their way to a recycle facility. Can be and is used as a percentage add to virgin material in many products. The bulk of the material is exported.