PLASGRAN GUIDE TO PLASTIC RECYCLING GRADES



Polyethylene terephthalate (PET or PETE)



Properties: Clarity, barrier to gas and moisture, heat resistant, toughness.

Examples: Water bottles, food jars, ovenable film.



Recycled products: Fibres, drink bottles.



High density polyethylene (HDPE)

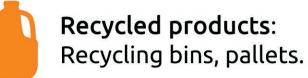


Examples: Milk containers, wheelie bins, juice bottles.

Properties: Toughness,

resistance to moisture and

chemicals, ease of processing.

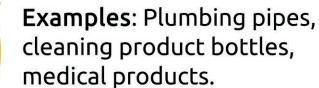




Polyvinyl chloride (PVC)



Properties: Versatility, toughness, resistance to grease, oil and chemicals.



Recycled products: Pipes, packaging.



Low density polyethylene (LDPE)



Examples: Usually thin and pliable e.g. shopping bags, food containers, gloves.

Properties: Toughness,

barrier to moisture.

flexibility, ease of sealing,

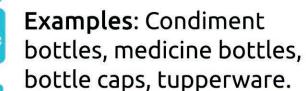
Recycled products: Plastic bags, dispensing bottles.



Polypropylene (PP)



Properties: Strength, toughness, versatility, barrier to moisture.



Recycled products: Auto parts, industrial fibres, pots.



Polystyrene (PS)



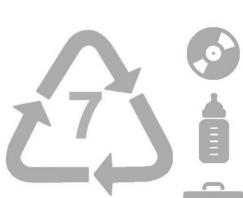
Examples: Disposable cups, cutlery, food boxes, packaging foam.

Properties: Versatility,

insulation, clarity, easily

formed.

Recycled products: Pots, tubs, trays.



Miscellaneous

Properties: Other plastics. Properties dependent on chemical makeup.

Examples: Baby bottles, CDs, storage containers, number plates.

Recycled products: Car parts, pallets.



For more information on plastics recycling, visit www.plasgranltd.co.uk or call 01354 740005.