

# 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)**



**Properties:** Toughness, resistance to moisture and chemicals, ease of processing.

**Examples:** Milk containers, wheelie bins, juice bottles.

**Recycled products:** Recycling bins, pallets.



**Polyvinyl chloride (PVC)**



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

**Examples:** Plumbing pipes, cleaning product bottles, medical products.

**Recycled products:** Pipes, packaging.



**Low density polyethylene (LDPE)**



**Properties:** Toughness, flexibility, ease of sealing, barrier to moisture.

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

**Recycled products:** Plastic bags, dispensing bottles.



**Polypropylene (PP)**



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

**Examples:** Condiment bottles, medicine bottles, bottle caps, tupperware.

**Recycled products:** Auto parts, industrial fibres, pots.



**Polystyrene (PS)**



**Properties:** Versatility, insulation, clarity, easily formed.

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

**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](http://www.plasgranltd.co.uk) or call 01354 740005.