PLASGRAN GUIDE TO PLASTIC RECYCLING GRADES

1. 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.

2. 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.

3. Polyvinyl chloride (PVC)
   - Properties: Versatility, toughness, resistance to grease, oil and chemicals.
   - Examples: Plumbing pipes, cleaning product bottles, medical products.
   - Recycled products: Pipes, packaging.

4. 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.

5. Polypropylene (PP)
   - Properties: Strength, toughness, versatility, barrier to moisture.
   - Examples: Condiment bottles, medicine bottles, bottle caps, tupperware.
   - Recycled products: Auto parts, industrial fibres, pots.

6. Polystyrene (PS)
   - Properties: Versatility, insulation, clarity, easily formed.
   - Examples: Disposable cups, cutlery, food boxes, packaging foam.
   - Recycled products: Pots, tubs, trays.

7. 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.