HIGH DENSITY POLYETHYLENE

Common Abbreviation: HDPE

Full Name: High Density Polyethylene

Recycling Code: 2

Moulding Methods: Injection, Blow, Vacuum, Extrusion

Recommended Temp. Range: -40°C to +65°C

Structural Strength: Very Good

Impact Resistance: Very Good

Identification: Shavings burn with no smoke, drip and smell like candle wax. It can be marked with a fingernail.

Joining or Repair Methods: Plastic Welding

Related Materials: High Molecular weight HDPE

General Comments:
Used to make a wide variety of food containers, crates, bottles, water pipe, fish bins.

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 most widely recycled plastic in N.Z. it is used to manufacture skid pallets, bins, garden edging, horticultural trays and many more products.