

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.