

LOW DENSITY POLYETHYLENE

Common Abbreviation:	LDPE
Full Name:	Low Density Polyethylene
Recycling Code:	4
Moulding Methods:	Injection, Blow, Extrusion, Rotary
Recommended Temp. Range:	-40°C to +60°C
Structural Strength:	Good
Impact Resistance:	Excellent
Identification:	Same as HDPE but softer & more flex.
Joining or Repair Methods:	Plastic welding
Related Materials:	Linear LDPE, MDPE

General Comments:

Used to make "squeeze" bottles, freezer bags, most rotary moulded bin and tanks and general use small plastic bags.

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:

Sold to manufacturers in a small number of instances where non-critical use products are produced such as plastic bags. The bulk of this material is shipped to Japan.