

LLDPE**LLDPE H2750****LINEAR LOW DENSITY POLYETHYLENE (LLDPE)**

A butene-comonomer linear low-density polyethylene (LLDPE) injection moulding grade with a high melt flow rate, formulated for good fluidity, tensile strength and toughness. Part of a family of high-flow LLDPE injection moulding grades used for household articles and masterbatch carrier resin production, and suited to thin-wall injection molded parts, caps, closures, and food containers.

Typical Application

- Thin-wall injection molded parts
- Caps and closures
- Food containers
- Household articles
- Masterbatch carrier resin

Product Characteristics

- High melt flow rate for fast mould filling in thin-wall parts
- Good fluidity, tensile strength and toughness typical of butene-comonomer LLDPE injection grades

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (190°C/2.16kg)	ASTM D1238	50	g/10 min
Density	ASTM D1505	0.926	g/cm ³

Processing Guidelines

Standard injection moulding conditions for high-flow LLDPE grades; suitable for thin-wall parts requiring fast fill and short cycle times.

1. Typical values per the producer's published family data (LLDPE injection moulding grade family, same producer group, MFR 50 g/10 min / density 0.926 g/cm³); grade-specific certificate of analysis supplied per lot at order.
2. Full per-grade technical data and a certificate of analysis are supplied with each order.