Polyethylene Pellets

PE Polyethylene

Grade	Mode of Processing	Polymer type	MFI, g/10 min	Density, g/cm³	Special additives	Recommended applications	Key features
PE MG013 R ** Medical grade*	Blow Moulding	LDPE	0.3	0.927	No additives	Ampoules and vials for infusion and injection solutions made with blow-fill-seal (BFS) technology	Increased density and tolerance to sterilisation temperatures of up to 110 °C. Conforms to the European Pharmacopoeia standards
LD 15303-003	Blown Film	LDPE	0.3	0.921	No additives	Shrink films, films for food and non-food products	Basic grade of polyethylene for film production
LD 15803-020	Blown Film	LDPE	2	0.919	No additives	Films for food and non-food packaging	Basic grade for production of films, excellent compatibility with LLDPE blends
LL 15200 FE	Blown Film	LLDPE	1.5	0.920	Basic stabilization	General purpose packaging films, lamination films, bags	Improved tensile strength and optical properties
LL 20211 FE	Blown Film	LLDPE	2	0.921	Slip and anti-blocking agents	Multilayer blown films for general purpose bags, food packaging, lamination films	Improved tensile strength, melt elasticity; Optical properties
LL 20200 FE	Cast/Blown Film	LLDPE	2	0.920	Basic stabilization	Hand and pallet stretch wrap films, mono- and multi-layer blown films, frozen food bags, lamination, industrial liners	Improved tensile strength, melt elasticity; Optical properties; High cling performance
LL 45372 RM	Rotational Moulding	LLDPE	4.5	0.938	Basic stabilization	Rotational and injection molding applications such as containers, boxes, and tanks	Excellent environmental stress crack resistance and impact strength combined with good processing
HD 80520 FE	Film - Bimodal	HDPE	8.0 (21.6 kg)	0.952	Basic stabilization	Thin films (less than 10 µm), bags, sacks, packing, industrial packaging; shrink film and heavy-duty film formulas can include low-yield and low-density polyethylene grades	Bimodal grade; improved balance of mechanical properties combined with good processing properties, high mechanical strength properties and stability of the film sleeve
HD 10500 FE	Film - Unimodal	HDPE	10 (21.6 kg)	0.950	Basic stabilization	Grocery bags, sacks and industrial packaging	Broad molecular weight distribution; high melt strength; high tear, puncture and breaking resistance
HD 03580 SB	Blow Moulding	HDPE	0.3	0.958	Basic stabilization	Containers of up to 30 L for storage and transportation of household chemicals, oils, cosmetics, medicines and perfumes	Bimodal grade; balanced physical and mechanical properties, good processing properties and high crack resistance
HD 10530 LB	Blow Moulding	HDPE	10 (21.6 kg)	0.953	Basic stabilization	Containers (canisters, containers, drums) of up to 227 L for storage of aggressive agents	High molecular grade, balanced physical and mechanical properties, high rigidity and high crack resistance
HD 85612 IM	Injection Moulding	HDPE	7.5	0.960	UV stabilizer	Food and industrial containers, pallets, bottle caps, dosing vessels	A grade with a special formula (UV)