

Grades	Melt Flow	Density	Features	Typical Application
<b>LLDPE C4</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
LF 10181	1.0	918	High slip and antiblock, Excellent openability, Good puncture and tear resistance	Flexible packaging, Agricultural films, Industrial films, Garment bags, Trash bags, Shopping bags
LF 10182	1.0	918	Barefoot, Good puncture and tear resistance	Flexible packaging
LF 20184	2.0	918	High slip, Medium antiblock, Good clarity, mechanical and openability	Flexible packaging, Agricultural films, Industrial films, Garment bags, Trash bags, Ice bags
LF 20185	2.0	918	Barefoot, Excellent stretchability, Optimized for cast film process	Stretch films, Flexible packaging
LF 20186	2.0	918	High slip; High antiblock, Good clarity, mechanical properties and openability	Flexible packaging, Agricultural films, Industrial films, Garment bags, Trash bags, Ice bags
<b>mLLDPE C6</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
MLF 1018A*	1.0	918	High slip and antiblock, Superior clarity, High seal strength, Good toughness, Outstanding seal-thru contamination performance	Boutique bag, ice bag, trash bag, liners, Lamination films for flexible packaging, Heavy duty films, Agricultural films
MLF 1018B*	1.0	918	Barefoot, Superior clarity, High seal strength, Good toughness, Outstanding seal-thru contamination performance	Lamination film for flexible packaging
MLF 2018A*	2.0	918	High slip and antiblock, Good processability, Excellent clarity, High seal strength, Good toughness, Outstanding seal-thru contamination performance	Lamination film for flexible packaging, Polybags, Overwraps
MLF 2023A*	2.0	923	Barefoot, Excellent processability, Excellent clarity, Outstanding seal strength	Lamination film for flexible packaging, Polybags, Overwraps
MLF 3518A*	3.5	918	Barefoot, Excellent processability, Excellent clarity, Good seal strength, Offer potential energy saving	Cast stretch film, Cast lamination film, Extrusion lamination
<b>Bimodal mLLDPE</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
ALF 0552A*	0.5	922	Barefoot, Outstanding tensile load-bearing capacity, Excellent toughness, Outstanding seal strength, Good extrudability	Heavy duty bag and shipping sacks, Stand up pouches, Greenhouse films, Trash bags, Ice bags, Liners
AMF 0532A*	0.5	932	Barefoot, Excellent stiffness-toughness balance, Excellent tensile load-bearing capacity, Good clarity, Good extrudability	Heavy duty bags and shipping sacks, Stand up pouches, Collation shrink films

\*New Evalene and Evalene Plus grade

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<b>HDPE</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
HF 09522	0.075	952	HMW film grade, High tensile strength; High stiffness; Good puncture resistance	Grocery bags, Supermarket produce bags, Carrier bag, Trash bag, Sack liners
HF 14522	0.12	952	MMW film grade, High stiffness, Good puncture resistance	Roll bags, Wet market bag, Sando bag, Laundry bag, Trash bag, Carrier bag, Flexible packaging
UHF 1050A*	0.085	950	HMW film grade, Good puncture resistance, Superior toughness, Good stiffness	Grocery bags, Supermarket produce bags, Carrier bag, Trash bag, Sack liners
UHF 1446A*	0.19	946	MMW film grade, Good puncture resistance, Good toughness and processibility	Roll bags, Wet market bag, Sando bag, Laundry bag, Trash bag, Carrier bag, Flexible packaging
BF 09491*	0.07	949	Bimodal film grade, Excellent tensile load bearing capacity, Good stiffness	Grocery bags, Roll bags, Supermarket produce bag, Carrier bag, Trash bag, Sack liner
BHF 0850A*	0.06	950	Bimodal film grade, Excellent tensile load bearing capacity, Good stiffness	General purpose films like Wet market bag, Carrier bag, Trash bag, Grocery bag
HJ 04551*	4	955	UV stabilised, Outstanding impact strength	Injection molded Pallets, Trays, Crates, Industrial part
HJ 04601	4	960	UV stabilised, Excellent impact strength, High stiffness	Injection molded Pallets, Trays, Crates, Industrial part
HJ 04602	4	960	Organoleptic certified	Injection and compression molded part, Beverage caps for mineral water, juice and tea
HJ 08601	8	960	Organoleptic certified, Good impact strength, UV stabilised	Injection molded Crate and Cases, Beverage caps for still and mineral water
UHJ 0860A*	8	960	Good impact strength, UV stabilised	Injection molded Crates, Cases, Tote boxes
HJ 20571	20	957	High flow, Excellent processability	Injection molded Housewares, Caps, Pails, Toys
HJ 20572*	20	957	Superior processability for high speed injection molding	Injection molded Housewares, Caps, Pails, Toys
AHJ 0252A	2	952	Excellent ESCR, Outstanding processability, Formulated with slip agent	Injection and compression molded Beverage caps for CSD, juice and tea drinks
AHJ 0252B	2	952	Excellent ESCR, Outstanding processability	Injection and compression molded Beverage caps for CSD, juice and tea drinks
HB 23551	0.27	955	Excellent top load strength, Good ESCR, Good impact resistance	Bottle for household and industrial chemical, Personal care, small blow molded bottle
HB 33531	0.39	953	Outstanding processability, Good ESCR, Good impact resistance	Bottle for household and industrial chemical, Personal care, small blow molded bottle
UHB 3355A-5502*	0.35	955	Outstanding processability, Excellent top load strength, Good impact resistance	Bottle for household and industrial chemical, Personal care, small blow molded bottle
HB 09521	0.075	952	Outstanding ESCR (>700 Hrs), High stiffness, Allow downgauging with regrind	Medium size containers and jerrycan (up to 50 liters) for cooking oil, chemicals, household
UHB 1048A*	0.085	948	High ESCR; High impact strength	Medium size containers and jerrycan (up to 50 liters) for cooking oil, chemicals, household
HM 10561	1	956	Excellent tenacity, High stretchability	Commercial and industrial Nets and Ropes, Non-woven filament applications
UHM 0856A*	0.8	956	Very good processability, Excellent balance tenacity and stretchability	Commercial and industrial Nets and Ropes, Non-woven filament applications
HP 10441	0.08	944	PE-80 certified, High Oxidation Induction Time (OIT), Good stiffness	Pressure Pipe for building/construction, Corrugated pipe for electrical conduits, irrigation etc.
HP 06491	0.02	949	PE-100 certified, Excellent sag resistance, High OIT, Good slow crack resistance	Pressure pipe for small to large diameter for water, irrigation, industrial, mining etc.
BHP 0348A*	<ls=0.3>	948	PE-100 RC, Excellent rapid crack propagation resistance, High OIT	Pressure pipe for non conventional (e.g trenchless) and conventional installation techniques
BHP 0747A*	<ls=0.7>	947	PE-100 RT Type II, Excellent long term stability at elevated service temperature	Hot and cold water supply, Underfloor heating, Radiator connections, Multilayer composite pipe

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<b>PP Homo</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
PHT0171	1.7	900	Thermoforming - Nucleated grade, Good processability	Food packaging tray and containers, Drinking cup, Dunnage trays, Rigid sheets
PHY0351	3.5	900	Raffia & Yarn - For machine speed up to 350m/min, Excellent tenacity	Flat yarn for woven application such as Sacks, Tarpaulins, Twines, Ropes
PHY0401	4	900	Raffia & Yarn - For machine speed up to 500m/min, Excellent tenacity	Flat yarn for woven application such as Sacks, Tarpaulins, Twines, Ropes
PHF0301	3	900	BOPP - High clarity, Good mechanical properties	BOPP for Food and Snack packaging, Adhesive tape, Cigarette packaging
PHF0701	7	900	CPP - Formulated with slip agent, High clarity, Good mechanical properties	Non-metallized CPP film for Food and Snack packaging, Flexible packaging
PHF0702	7	900	IPP - High slip and anti block, Excellent clarity, Excellent openability	Thin IPP film up to 30 micron for Food and General packaging
PHF0703	7	900	CPP - Metallized barefoot grade, High clarity, Good mechanical properties	Metallized CPP film for Food and Snack packaging, Flexible packaging
PHF1001	10	900	IPP - Medium slip and anti block, Good clarity, Good openability	IPP film for Food and Garment packaging
PHJ1201	12	900	Injection - Nucleated grade, Outstanding processability, High stiffness	Furniture, Housewares, General purpose containers, Rigid packaging
PHJ1202	12	900	Injection - Good mechanical properties, Good processability	Caps and closures, Houseware, Toys, General purpose containers, Rigid packaging
PHJ4501	45	900	TWIM - Nucleated grade, Excellent processability, Good stiffness-impact balance	Reusable food containers, Popcorn tubs, Tumblers and drinking cups, CD/DVD cases
PHJ6001	60	900	TWIM - Nucleated grade, Superior processability, Good stiffness-impact balance	Reusable food containers, Popcorn tubs, Tumblers, Take out tray
<b>PP Random</b>	(2.16, g/10min)	(g/cm <sup>3</sup> )		
PRB0202	2	900	High clarity and gloss, Formulated with anti-	Hot fill packaging, bottle for personal care and
PRJ1102	11	900	High clarity and gloss, Formulated with anti-stat	Caps and closures, Transparent containers and houseware, ISBM bottles
PRJ3501	35	900	High clarity and gloss, Excellent processability, Formulated with anti-stat	Transparent small containers via multi cavity, Large storage containers, Tote Boxes