

LLDPE / HDPE Grade Slate : Sclairtech Swing Plant

Product	Sector	Grade	MFI(I_2)	Density	Special Characteristics	Application
LLDPE	LL FILM	010F18S	0.9	0.918	Good processability, Low gel, Good mechanical properties, Excellent optical properties. Contains slip and antiblock.	Liquid packaging film, Multilayer film for adhesive lamination, Carrier bags.
		010F18A	0.9	0.918	Good processability, Good mechanical properties, does not contain slip and antiblock.	Multilayer film for adhesive lamination, Mulch Film, Stretch Cling film.
		020F18A	2.0	0.918	Easy processability, Low gel, does not contain slip & antiblock.	Cast film for stretch wrapping, stretch cling film.
	DRIP LATERAL	010L22S	1.1	0.922	Excellent processability, Good strength, Controlled morphology, Low gel content.	Drip lateral pipe.
LLDPE	ROTATIONAL MOULDING	042R35A	4.5	0.935	Very good processability, Ease in de-moulding, Good mechanical strength.	Overhead water tanks, Loft tanks, Septic tanks, Toys, Garden furniture.
		040R40A	4.0	0.940	Superior Mechanical Strength, Excellent rigidity, Impact resistance and easy processability.	Medium and large tanks, Septic tanks, Manholes and Chambers.
LLDPE	INJECTION MOULDING	500M24A	50	0.924	Very good flow and processability.	Carrier resin for master batches, Injection moulding of flat and large warpage-free products and lids.
LLDPE	EXTRUSION COATING	065E24A	6.5	0.924	Good processability. Low neck-in, Good adhesion on substrates.	Extrusion coating on HDPE Raffia fabric, Paper etc. Base resin for XLPE compounds.
HDPE	INJECTION / COMPRESSION MOULDING	020M52	2.7	0.952	Superior Processability, Superior Mechanical properties.	Compression molded Caps and Closures.
	INJECTION MOULDING	080M60	8	0.960	Good processability, Superior mechanical properties.	Crates for vegetables, milk, fish and material handling, Injection moulded Pallets, Caps & Closures.
		080M55	8	0.955	Good processability, Superior mechanical properties.	Caps & Closures.
		080M60U	8	0.960	UV stabilised, Good processability, Superior mechanical properties.	Soft drink crates, Industrial crates for outdoor usage, Injection moulded Pallets, Caps & Closures.
		180M50	20	0.950	Excellent flow properties, very good processability, DMF approved.	Injection Molded Housewares, Thin wall injection moulded products.
HDPE	RAFFIA	010E52	0.9	0.952	Excellent orientation characteristics, Low water carry over, Excellent mechanical properties.	Woven sacks for fertilizer packaging, Wrapping fabric, Tarpaulin, Agri shade net, Raschel bags, Extruded sheets.
		012E50	1.2	0.950	Narrow MWD, Excellent orientation characteristics, Low water carry over. Superior mechanical properties.	Tarpaulin, Wrapping fabrics, Monofilaments for mosquito nets, fishing nets, etc.

HDPE and HMHDPE Grade Slate : Dedicated (Hostalen) Plant

Sector	Grade	MFI(I_5)	Density	Special Characteristics	Application
HM Film	002DF50	0.22	0.950	Bimodal grade with very good processability with high molecular weight. Excellent dart impact strength.	Shopping bags, Films for wrapping, Liners.
GPBM	012DB54	1.3	0.954	Bimodal grade with very good processability, Good balance of stiffness, ESCR and impact properties. DMF approved.	Blow molded containers for lubricating oil packaging upto 5L capacity, Pharmaceutical edible oil & other general-purpose packaging, DWC pipe.
High ESCR Blow Molding	010DB50	1.2	0.950	Bimodal grade with very good processability, Superior mechanical properties, High ESCR properties.	High ESCR Blow molded containers, Containers for packing chemicals, pesticides, etc.
High Stiffness Blow Molding	012DB60	1.3	0.960	Superior Processability, Superior mechanical properties and impact resistance, High rigidity.	Containers and bottles up to 20 ltr capacities, Containers for packing Edible oils.
MBM	003DB52	0.40	0.952	Bimodal HMHD grade with very good processability, High stiffness, toughness & good ESCR properties.	Blow moulded containers upto 100 litres. DWC Pipe. Blow moulded water tanks, solar panels sloaters.
LBM	002DB52	0.20	0.953	Bimodal HMHD grade with good processability, Good balance of stiffness and impact properties.	Large Volume containers >100L for Chemicals, Pesticides, Lube Oils, Water etc.
PIPE	002DP48	0.25	0.950	Bimodal grade with good processability. Excellent impact & stiffness. Classified as MRS 10.0 material (PE-100) (Element certification).	Pipes for Water transportation, Sewerage, Industrial Piping etc.
	004DP44	0.45	0.950	Bimodal grade with very good processability, Classified as MRS 8.0 material (PE-80).	Pipes for Water transportation, Sewerage, Sprinkler pipes etc.
	010DP45	0.9	0.950	Bimodal grade with good processability. Classified as MRS 6.3 material (PE-63).	Pipes for Drip Irrigation and sprinkler applications, Pipes for drinking water, Industrial effluent etc.
	010DP45U	0.9	0.945	Bimodal grade with good processability, specially formulated for teleduct applications. It is UV stabilized grade. CACT approved for OFC ducts and telecom applications.	Teleducts for OFC, DWC pipes.