

## LLDPE/HDPE Grade Slate : Sclairtech Swing Plant

PRODUCT	SECTOR	GRADE	MFI (I2)	DENSITY	SPECIAL CHARACTERISTICS	APPLICATIONS
LLDPE	LL FILM	010F18S	0.9	0.918	Good processability, Good mechanical properties, contains slip and anti block	Liquid packaging films, heavy duty films, multilayer films, carrier bags, drip laterals
		010F18A	0.9	0.918	Good processability, Good mechanical properties, No slip and anti block	Mulch Films, Co-extrusion, Drip laterals, Cling films, Lamination films
		8010F18S	0.9	0.918	Octene grade with slip and antiblock. Gel free. Excellent mechanical & sealing properties	Liquid packaging with high seal integrity. Heavy duty packaging films
		8010F18A	0.9	0.918	Octene grade without slip and antiblock. Gel free. Excellent mechanical & sealing properties	Lamination film with PET and BOPP
		020F18S	2.0	0.918	Easy processability, Gel free, Contains slip and antiblock	General purpose film, Blending with LDPE, Carrier bags
		020F18A	2.0	0.918	Easy processability, low gel. Non-slip	Lamination films, Cast film & stretch cling film
LLDPE	ROTATIONAL MOULDING	042R35A	4.2	0.935	Very good processability, good mechanical strength. High ESCR	Overhead water tanks, Loft tanks, Septic tanks, Chemical storage tanks, Toys, Furniture
		042R35U	4.2	0.935	Excellent UV resistance, Very good processability, Good mechanical strength, High ESCR	For application requiring outdoor exposure
LLDPE	INJECTION MOULDING	300M24A	30	0.924	Good processability and flow properties	Injection moulded products like lids, house ware, containers, base resin for master batches
		500M24A	50	0.924	Very good flow and processability	Base resin for master batches, moulding of flat and large warpage-free products/lids
LLDPE	EXTRUSION COATING	065E24A	6.5	0.924	Good processability. Low neck-in, excellent adhesion	Extrusion coating on HDPE Raffia, Base resin for XLPE compounds, Heat & press lamination
HDPE	INJECTION MOULDING	080M60	8	0.960	Good processability, very good mechanical properties, good ESCR	Industrial crates for material handling, pallets, Luggage shells
		080M60U	8	0.960	UV stabilised, Good processability, very good mechanical properties, good ESCR	Crates, Paint pails
		180M50	18	0.950	Excellent flow properties, very good processability, excellent gloss	House ware and thin wall moulded products.
HDPE	RAFFIA	010E52	0.9	0.952	Excellent orientation characteristics, Low water carry over. Superior mechanical properties	Raffia for woven bags, woven cloth for wrapping, Tarpaulin
HDPE	BLOW MOULDING	003B46	0.30	0.946	Very good ESCR, good impact properties and good processability	Containers for pesticides, detergents & personal care products
		003B56	0.30	0.956	Good processability, very good gloss and rigidity	Jerry Cans and containers upto 5 litres
HDPE	PIPE AND PIPE COATINGS	004P41	0.38	0.941	Very good processability, excellent ESCR	PE-63 pipes, Ducts & non pressure pipes, Base resin for 3 LPE pipe coating
HDPE	WIRE AND CABLE	006W43	0.60	0.943	Good processability, excellent resistance to oxidation, very good ESCR and insulating properties	Insulation of PIJF Cables
		006C45	0.60	0.945	Good processability and good insulating properties	Base resin for sheathing of PIJF cables & Jacketing of OFC
HDPE	HD FILM	003F46	0.30	0.946	Good Processability & low gel content	Co-extrusion film & liners