

HDPE Grade Slate : Dedicated (Hostalen) Plant

FAMILY	GRADE	MFI (I5)	DENSITY	SPECIAL CHARACTERISTICS	APPLICATIONS
INJECTION MOULDING	180DM57	18.00*	0.957	High flow and gloss, Low warpage	Housewares, Thin wall mouldings, etc.
	020DM54	2.00*	0.954	Low flow with excellent ESCR and impact strength	Caps and closures
HM Film	003DF49	0.28	0.949	Bimodal grade with good processability, Superior dart impact strength & good tensile properties	Counter bags, Carrier bags, films for wrapping
HM Film	002DF50	0.22	0.950	Bimodal grade with very good processability with high molecular weight. Excellent dart impact & sealing properties	Counter bags, Carrier bags, films for wrapping, Liners
General Purpose Blow Moulding	011DB44	1.10	0.944	Bimodal grade with good processability. Outstanding resistance to stress cracking	Containers/bottles upto 10 litres for packaging of Pesticides, Surfactants & Costmetics
	012DB54	1.20	0.954	Bimodal grade with very good processability, Good balance of stiffness, ESCR and impact properties	Containers/bottles from a few cc to 10 litres. Containers for Oil, Vanaspati & General purpose packaging
Medium Blow Moulding	003DB52	0.35	0.952	HM bimodal grade with very good processability, high stiffness, toughness & good ESCR	Containers upto 50 litres. Sheet extrusion.
Large Blow Moulding	001DB50	<0.1	0.950	HM bimodal grade with very high molecular weight, Excellent impact strength, high stiffness & Good ESCR	Large containers and L-ring drums for packaging of chemicals
	001DB52	0.12	0.952	HM bimodal grade with good processability, high swell ratio, good balance of ESCR stiffness and impact properties	Large containers and L-Ring drums for packaging of chemicals
Raffia/ Monofilament	010DE56	1.00*	0.956	Good stretchability, Low water carry over, Good processability	Woven sacks, Monofilament fishing nets, Mosquito net
PIPE	004DP44	0.43	0.944	Bimodal grade with very good processability, meets PE-80 rating requirements	Pressure pipe for Water & Gas transportation/distribution
	002DP48	0.22	0.948	Bimodal grade with good processability. Very high impact & stiffness. Meets PE-100 rating requirements	Pressure pipes for Water & Gas transportation/distribution
	010DP45	1.0	0.945	Bimodal grade with good processability. Meets PE-63 requirements	PE-63 presure pipes, Ducts & non-pressure pipes