



HIGH DENSITY POLYETHYLENE (HDPE)

EXTRUSION- PIPE(Basell licensee)

Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AM 5010 T2 N (EX3)	0.45	0.945	PE-80 Pressure pipe, for drinking water and gas pipes, waste pipes and sewer pipes, their fittings and also sheets (natural grade).
AM 5010 T2 B (EX3B)	0.45	0.954	PE-80 Pressure pipes ,e.g. drinking water and gas pipes, waste pipes and sewer pipes, their fittings and also sheets(black grade)
AM 5010 T3 N	0.43	0.944	High quality PE-80 pressure pipe for gas and water transportation (natural grade).
AM 5010 T3 B	0.43	0.954	High quality PE-80 pressure pipe for gas and water transportation (natural grade).
AM CRP 100 N	0.22	0.948	Top quality PE-100 pressure pipes for gas and water transportation at higher pressures or with thinner walls as PE-80(natural grade).
AM CRP 100 B	0.22	0.957	Leading PE-100 for pressure pipes for all purposes for gas, water and sewage transportation (black grade).
AM CRP 100 Blue	0.22	0.948	Leading PE-100, specially for drinking water(blue marker)



EXTRUSION -BLOW MOULDING(Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AD 4760	6	0.957	Milk bottles and shakers for power
AH 4765	1.5	0.959	For hollow articles where high stress cracking resistance is not demanded, such as bottles and containers up to 10 liters, e.g. for fabric softeners.
AF 4760	1.2	0.954	Containers with capacities ranging from a few ml up to 10 also for thermoforming. Also for production of sheets for thermoforming.
AF 4750	1.1	0.944	For disinfectant bottles up to 2 liters. Tubes for cosmetics, containers up to 10 liters and petrol cans up to 5 liters.
AM 8255	0.28	0.953	General purpose grade for containers from 1L to 200L capacity
AM 7746	0.24	0.944	Large containers above 10L capacity and for the production of semi finished stock.
AM 7255	0.11	0.952	Large containers above 5L capacity and for the production of semi-finished stock.
HDPE BLOW MOLDING			
HF 4760 (BL3)	1.2	0.954	Containers(up to 10l), packing pharmaceuticals & surfactants



EXTRUSION- TUBLAR FILM(Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AM 9450 F	0.28	0.949	For blown films with similar to paper quality, suitable for counter bags, carrier bags and wrapping films, excellent processing.
AM 9450 F1	0.24	0.950	For blown films with similar to paper quality, suitable for counter bags, carrier bags and wrapping films, excellent processing and sealability.
AM 9455 F	0.28	0.956	For blown films with similar to paper quality, suitable for counter bags, carrier bags and wrapping films, excellent processing stiffer than HM 9450 F.
AM 9455 F1	0.24	0.957	For blown films with similar to paper quality, suitable for counter bags, carrier bags and wrapping films, excellent processing, stiffer than HM9450 F1.
AM 9445 HT	0.18	0.944	For blown films with similar to paper quality, suitable for counter bags, carrier bags and wrapping film, excellent processing with high tenacity.
EXTRUSION- STRETCHED FILM and TAPE (Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AF 7740 F	1.8	0.944	Stretched films and tapes for production of high quality knitted and woven.
AF 7740 F2	1.8	0.944	Tapes to be used for agricultural packaging and as protective cover.



EXTRUSION-FILAMENT (Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AF 7750 M2	2.8	0.956	Monofilament for fishing notes, geo textiles and civil engineering
EXTRUSION-FILAMENT(Innovene license)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
HD 5710 AA	0.9	0.957	Ropes, nets, knitted sacks, woven fabrics.
EXTRUSION- CABLE INSULATION(Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AF 7450 K	3.5	0.946	Wire and cable insulation
HDPE-INJECTION MOULDING(Basell licensee)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
AA 7260	52	0.957	Light weight household and disposable articles
AB 6450	28	0.950	Household articles less hard and less rigid than I1
AC 7260	23	0.962	Transport and stacking crates, particular bottle crates
AD 7255	11	0.954	Tick walled, highly stressed transport containers, e.g. refuse bin and fish crates, screw caps and cable clips.



HDPE-INJECTION MOULDING(Innovene license)			
Grade Name	MFR(gr/10min) (5kg,190 C)	Density(gr/cm3)	Application
HD 5120 EA	2.3	0.950	Heavy duty and High ESCR application.
HD 5740 UA	4	0.955	UV resistance for thick components such as large refuse bins and pallets, boxes and dust bins.
HD 5050 EA	4.5	0.950	Heavy duty, High ESCR applications such as screw stopper. Caps & closures.
HD 5050 UA	4.5	0.950	Large dust bins & pails. Pallet boxes. Products with high ESCR and UV resistance.
HD 6070 EA	7	0.958	General purpose grade for rigid items such as fish boxes, Crates and tote boxes.
HD 6070 UA	7	0.958	UV stabilized for rigid items such as fish boxes, Crates and toys.
HD 5211 EA	11	0.950	Thin component, such as housware and toys
HD 5211 UA	11	0.950	UV stabilized for thin component, such as houseware and toys
HD 5813 EA	13	0.954	Components requiring high rigidity, housware and crates.
HD 5813 UA	13	0.954	UV stabilized for components requiring high rigidity, housware and crates.
HD 5218			Housware
HD 5218 EA	18	0.925	Thin components such as food container, houseware and toys.
HD 5620 EA	20	0.956	General purpose.
HD 5226 EA	26	0.953	Thin wall injection application, housewares, caps and closures.
HD 5150 EA	55	0.958	High flow applications, Houseware, Food packaging.
HDPE-INJECTION MOULDING			
	MFR(gr/10min) (2.16kg,190 C)	Density(gr/cm3)	
HD 60507/UV	7.5	0.958	Crates Injection molding grade