

Always there is a SOLUTION!



Engineering Polymer
Compounds and Masterbatch



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Compounds

Polypropylene Homopolymer Compounds

Type	PP Homopolymer	PP Homopolymer	PP Homopolymer
Code	PPH 1	PPH 2	PPH 3
Color	Base on customer demand		
MFI <small>190° C 2.16 kg</small>	3-4	4-6	25-30
Density	0.93	0.93	0.93
Applications	Orientation processes for manufacturing packaging tapes, films and Raffia.	Stationery film, housewares, raffia/tapes/strapping, also good for clear and opaque containers.	Injection molding of house wares, utility boxes and containers, as well as general purpose extrusion.



Compounds

Polypropylene Copolymer Compounds

Type	PP Copolymer	PP Copolymer	PP Copolymer	PP Copolymer	PP Copolymer	PP Copolymer
Code	PPCO 1	PPCO 2	PPCO 3	PPCO 4	PPCO 5	PPCO 6
Color	Base on customer demand					
MFI ^{190° C} 2.16 kg	0.2-0.4	1-1.5	6	11	25	50
Density	0.92	0.93	0.93	0.94	0.93	0.93
Applications	Sanitary pipes for cold & hot water, industrial and chemical pipes. Other applications are pipe fittings and profiles.	Stationery film, housewares, raffia / tapes / strapping, also good for clear and opaque containers.	Toys, Automotive Parts, Pails, Container, Crates, Battery Cases	Households, Toys, Bottle, Pharmaceutical Bottles, Food Containers, Container, Caps and Closures, Sports Equipment, Dairy Products Containers, Syringe, Test Tube, Cosmetics Packaging, Medical-Sanitary Products	Toys, Food Containers, Container, Caps and Closures, Sports Equipment, Furniture	Households, Toys, Caps and Closures, Thin-Wall Products, Sports Equipment



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Compounds

Polyethylene Injection Molding Compounds

Type	HDPE Injection	HDPE Injection	HDPE Injection	HDPE Injection	HDPE Injection	HDPE Injection	LDPE Injection
Code	HDPE - 5030A	HDPE - 6040	HDPE - 54B04	HDPE - HI500	HDPE - 62N07	HDPE - 52518	LDPE - 1922 T
Color	Natural	Natural	Natural	Natural	Natural	Natural	Natural
MFI ^{190° C} 2.16 kg	2	3.5	4	5	7	18	22
Density	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Applications	Caps, Closures	Large dustbins and pallet, Storing cases, Shipping container	Caps and Closures, Boxes, Seats	Large dustbins and pallet, Boxes	House Holdware, Pallets, Seats, Crates	House Holdware, Thin Walled Foam, Containers, General Purpose	Caps, Household articles, Caps



Compounds

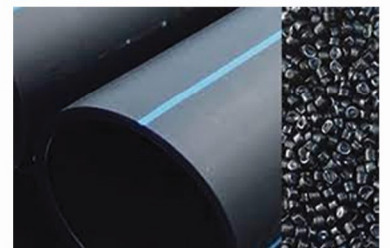
High Density Polyethylene Rotational Molding

Type	HDPE. Rotational Molding
Code	HDPE - 3840 UA
Color	Base on customer demand
MFI ^{190° C} 2.16 kg	4
Density	0.94
Applications	Scpetic tanks, Large agricultural tanks, Toys, Potable water tanks



High Density Polyethylene Extrusion

Type	HDPE. Extrusion	HDPE. Extrusion	HDPE. Extrusion
Code	HDPE EX3	HDPE CRP 100	HDPE 5000S
Color	Natural	Natural	Natural
MFI	0.5 (190°C / 5 kg)	0.25 (190°C / 5 kg)	0.8 (190°C / 2.16kg)
Density	0.98	0.97	0.94
Applications	Pipe Extrusion PE100 Class, Injection moulding and other fit things, Pressure Pipe, sewer pipes and their fittings	Drinking water abd gas pipes, Discharge pipes	Fishing net, Agricultural net, Rope, Woven sack, Tarpaulin



Compounds

High Density Polyethylene Blow Molding

Type	HDPE. Blow Molding	HDPE. Blow Molding	HDPE. Blow Molding
Code	HDPE 0035	HDPE BL3	HDPE HBM 5510
Color	Natural	Natural	Natural
MFI	0.9 (190°C / 2.16kg)	1.8 (190°C / 5 kg)	10 (190°C / 21.6 kg)
Density	0.98	0.98	0.98
Applications	Small containers from 10 cc to 20 lit, Mild and distilled watter, motor oil, toiletries	Small containers ranging from a few ml up to 10 lit, sheets for thermoforming	Jerry Cans, Drums



Compounds

High Density Polyethylene Blown Film

Type	HDPE. Blown Film	HDPE. Blown Film
Code	HDPE- F7000	HDPE- EX5
Color	Natural	Natural
MFI	0.04 (190°C / 2.16 kg)	0.2 (190°C / 5 kg)
Density	0.96	0.96
Applications	Disposable gloves, Ultra-Thin Film, Food & Fruit Bags, Trash Bags	Film Extrusion, Wrapping Films, Carrier Bags, Counter Bags



Low Density Polyethylene Blown Film

Type	LDPE. Blown Film	LDPE. Blown Film	LDPE. Blown Film	LDPE. Blown Film	LDPE. Blown Film
Code	LDPE - 2420 D	LDPE - 2420 H	LDPE - LF190 2119	LDPE - 0075	LDPE - 020
Color	Natural	Natural	Natural	Natural	Natural
MFI ^{190° C} 2.16 kg	0.25	1.8	1.7	0.6	1.9
Density	0.94	0.94	0.94	0.98	0.93
Applications	Shrink Film, Bottle for consumer Goods, Bags and Pouches, Blown Film	Bags, Pouches, Blown Film, Cast and Shirink Film	General Purpose Films, Laminations	Carrier Bags, Packaging Bags, Dust bin Liner, Industrial Film	General Purpose Bags, Industrial Injection Molding, Blown Film, Packaging



Compounds

Linear Low Density Polyethylene Blown Film

Type	LLDPE. Blown Film	LLDPE. Blown Film	LLDPE. Blown Film
Code	LLDPE 209 AA	LLDPE 235 F6	LLDPE 22B02
Color	Natural	Natural	Natural
MFI ^{190° C} 2.16 kg	0.9	0.6	1.8
Density	0.94	0.94	0.94
Applications	Heavy duty sacks, Agricultural Films, Liners, product Bags, Stretch film	Agricultural Films, Packaging, Tapes, Shirink Film	High stiffness blown and Cast Films, Suitable for blending and Lamination



Acrylonitrile Butadiene Styrene (ABS)

Type	ABS Injection	ABS Injection
Code	ABS 150	ABS N50
Color	Natural	Natural
MFI	1.5 (190°C / 5 kg)	0.2 (190°C / 35 kg)
Density	0.93	0.94
Applications	Home Appliances, Office Equipment, Automotive Parts, Electronic and Electrical Parts, Refrigerator Parts	Home Appliances, Office Equipment, Automotive Parts, Electronic and Electrical Parts, Refrigerator Parts



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Filler Masterbatch

Calcium Carbonat Masterbatch (PP Base)

Type	CaCO3 Filler	CaCO3 Filler	CaCO3 Filler	CaCO3 Filler
Code	PP 80N	PP 75N	PP 70N	PP 65N
Moisture	≤ % 0.3	≤ % 0.3	≤ % 0.3	≤ % 0.3
Color	Natural	Natural	Natural	Natural
Ash Content	%80±3	%75±3	%70±3	%65±3
Carrier	PP Homopolymer	PP Homopolymer	PP Homopolymer	PP Homopolymer
Applications	Raffia, Injection Molding (We suggest more than %40 additional)	Raffia, Injection Molding (We suggest more than %40 additional)	Raffia, Injection Molding (We suggest more than %50 additional)	Raffia, Injection Molding (We suggest more than %50 additional)



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Filler Masterbatch

Calcium Carbonat Masterbatch (PE Base)

Type	CaCO3 Filler	CaCO3 Filler	CaCO3 Filler
Code	PE 80N	PE 70N	PE 65N
Moisture	≤ % 0.3	≤ % 0.3	≤ % 0.3
Color	Natural	Natural	Natural
Ash Content	%80±3	%70±3	%65±3
Carrier	LLDPE	LLDPE	LLDPE
Applications	Blown Films, Blow Molding, Injection Molding (We suggest more than %40 additional)	Blown Films, Blow Molding, Injection Molding (We suggest more than %50 additional)	Blown Films, Blow Molding, Injection Molding (We suggest more than %50 additional)

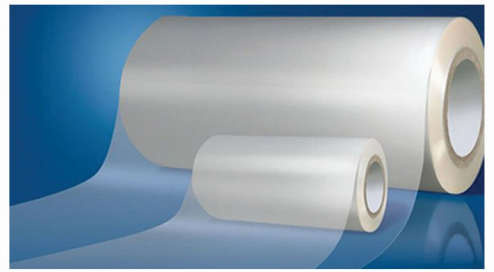
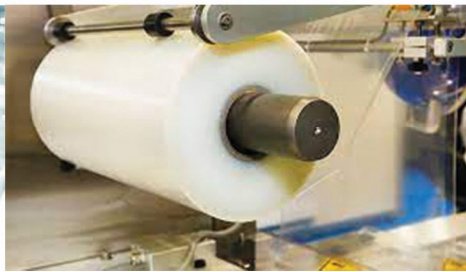


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Masterbatch

Engineering Masterbatch

Type	Anti-Oxidant Masterbatch	Slip Agent Masterbatch	Optical Brightener Masterbatch	Process Aids (PPA) Masterbatches
Code	MB AO	MB SA	MB OB	MB PA
Color	Translucent	Translucent	Optical Green	Milky-white granulates
MFI ^{190° C} 2.16 kg	5	15	15	2-3
Density	0.95	0.9	0.95	0.92
Applications	Different size pipes, Agriculture films, Packing films, suitable for using in HDPE, LDPE, LLDPE, PP	Packing films	Recycled material production, Injection molding part, Packing films	reduces the melt fracture or shark skin effect during the process of LLDPE/ LDPE/ HM-HDPE by extrusion process.



White Masterbatch

Type	White Masterbatch For Films	White Masterbatch For Films	White Masterbatch For Films	White Masterbatch For Films
Code	MBW 70	MBW 60	MBW 50	MBW 40
Color	White	White	White	White
TIO2 Content	70%	60%	50%	40%
Carrier	LDPE	LDPE	LDPE	LDPE
Applications	Blown Films, Blow Moldings, Injection Moldings	Blown Films, Blow Moldings, Injection Moldings	Blown Films, Blow Moldings, Injection Moldings	Blown Films, Blow Moldings, Injection Moldings



