

Always there is a SOLUTION!



Engineering Polymer
Masterbatch



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Polypropylene Homo Polymer

Type	PP Homo Polymer	PP Homo Polymer	PP Homo Polymer
Code	PPH 1	PPH 2	PPH 3
Color	Base on customer demand		
MFI	3.2 (230°C/ 2.16kg)	6 (230°C/ 2.16kg)	25 (230°C/ 2.16kg)
Density	0.9	0.9	0.9
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 and general purpose extrusion.



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Polypropylene CoPolymer

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 (230°C /2.16 kg)	0.2-0.4	1.3	6	11	21	50
Density	0.9	0.9	0.9	0.9	0.9	0.9
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, Parts, Automotive Parts, Container, Crates, Buttery Cases.	Households, Toys, Bottle, Food Containers, Container, Caps and Closures, Sport Equipments, Dairy Products Containers, Syringe, Test Tube, Cosmetics Packaging, Medical-Sanitary Products.	Toys, Food Containers, Container, Caps and Closures, Sport Equipments, Furniture.	Households, Toys, Caps and Closures, Thin-Wall Products, Sport Equipments.



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High Density Polyethylene Blow Molding

Type	HDPE Blow molding	HDPE Blow molding	HDPE Blow molding	HDPE Blow molding
Code	HDPE 0035	HDPE BL3	HDPE HBM 5510	HDPE 6200B
Color	Natural	Natural	Natural	Natural
MFI	0.35 (190°C/2.16 kg)	1.2 (190°C / 5 kg)	10 (190°C / 21.6 kg)	0.35 (190°C / 2.16 kg)
Density	0.95	0.95	0.95	0.95
Applications	Small containers from 10 cc to 20 lit, Mild and distilled water, motor oil, toiletries.	Small containers ranging from a few ml up to 10 lit, sheets fo thermoforming.	Jerry Cans, Drums	Bottle, household products (shampoo, bleach, make up) Containers.



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High Density Polyethylene Blown Film

Type	HDPE Blown Film	HDPE Blown Film	HDPE Blown Film
Code	HDPE F7000	HDPE EX5	HDPE 5110
Color	Natural	Natural	Natural
MFI	0.04 (190°C/2.16 kg)	0.28 (190°C / 5 kg)	10 (190°C / 21.6 kg)
Density	0.95	0.95	0.95
Applications	Disposable gloves, Ultra-Thin Film, Food & Fruit Bags, Trash Bags	Film Extrusion. Wrapping Films, Carrier Bags, Counter Bags	Film, Bags, Products in property modification usage



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	0.93
Applications	Septic tanks, Large agricultural tanks, Toys, Potable water tanks, Playground equipments.



High Density Polyethylene Extrusion

Type	HDPE Extrusion	HDPE Extrusion	HDPE Extrusion
Code	HDPE EX3	HDPE CRP 100 N	HDPE CRP 100 Black
Color	Natural/Black	Natural/Black	Black
MFI	0.5 (190°C / 5 kg)	0.22 ± 0.05 (190°C / 5 kg)	0.22 (190°C / 5 kg)
Density	0.94 ± 0.02	0.948	0.95
Applications	Pipe Extrusion PE100 Class, Injection molding and other fit things, Pressure Pipe sewer pipes and their fittings.	Drinking water and gas pipes Discharge pipes.	Pipes and tubing, Industrial Wear Parts, Packaging, Automotive and Transportations, Chemical Handling equipment.



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Low Density Polyethylene Blown Film

Type	LDPE Blown Film	LDPE Blown Film	LDPE Blown Film	LDPE Blown Film	LDPE Blown Film	LDPE Blown Film	LDPE Blown Film
Code	LDPE 2420 H	LDPE LF190 2119	LDPE 0075	LDPE 020	LDPE 2420 E02	LDPE 2102 TX00	LDPE 2100
Color	Natural	Natural	Natural	Natural	Natural	Natural	Natural
MFI	1.9 (190°C/2.16 kg)	1.9 (190°C/2.16 kg)	0.75 (190°C/2.16 kg)	2 (190°C/2.16 kg)	1.9 (190°C/2.16 kg)	1.9 (190°C/2.16 kg)	0.3 (190°C/2.16 kg)
Density	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Applications	Bags, Pouches, Blown Film, Cast and Shrink Film	General Purpose Films, Laminations	Carrier Bags, Packaging Bags, Dust bin Liner, Industrial Film	General Purpose Bags, and Industrial Injection Molding Blown Film Packaging	Shrink films, general purpose packaging films, squeeze bottles and small containers.	Packaging films, Shrink films, Lamination films and Agricultural films	Packaging films, Shrink films, Agricultural films



Linear Low Density Polyethylene Blown Film

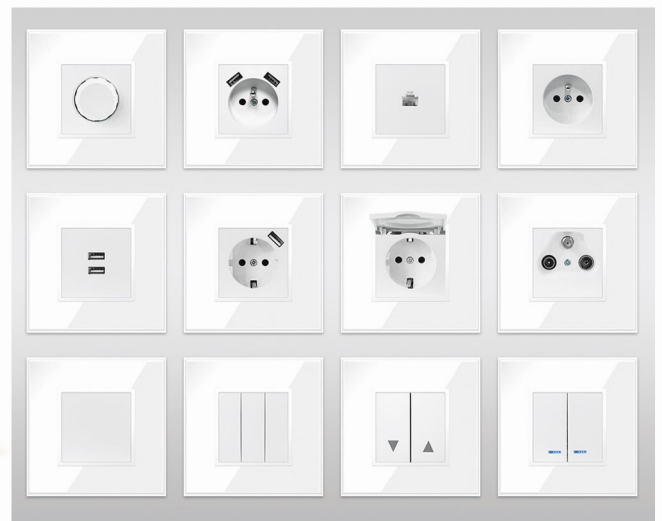
Type	LLDPE Blown Film	LLDPE Blown Film	LLDPE Blown Film	LLDPE Blown Film
Code	LLDPE 209 AA	LLDPE 235 F6	LLDPE 22B02	LLDPE 22B03
Color	Natural	Natural	Natural	Natural
MFI	0.9 (190°C/2.16 kg)	0.6 (190°C / 2.16 kg)	2 (190°C / 2.16 kg)	2.8 - 3.2 (190°C / 2.16 kg)
Density	0.92	0.92	0.92	0.92
Applications	Heavy duty sacks, Agricultural Films, Liners, product Bags, Stretch film.	Agricultural Films, Packaging Tapes, Shrink Film.	High stiffness blown had Cast Films Suitable for blending and Lamination.	Industrial packaging, Agricultural films and stretch film.



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Acrylonitrile Butadiene Styrene (ABS)

Type	ABS Injection	ABS Injection
Code	ABS 150	ABS N50
Color	Natural	Natural
MFI	1.8 (200°C/5 kg)	35 (220°C / 10 kg)
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 Carbonate Masterbatch (PP Base)

Type	CaCO ₃ Filler	CaCO ₃ Filler	CaCO ₃ Filler	CaCO ₃ Filler
Code	PP 85N	PP 80N	PP 75N	PP 70N
Moisture	≤ % 0.3	≤ % 0.3	≤ % 0.3	≤ % 0.3
Color	Natural	Natural	Natural	Natural
Ash Content	% 85 ± 2	% 80 ± 2	% 75 ± 2	% 70 ± 2
Carrier	PP Homo Polymer	PP Homo Polymer	PP Homo Polymer	PP Homo Polymer
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)



Filler Masterbatch

Calcium Carbonate Masterbatch (PE Base)

Type	CaCO ₃ Filler	CaCO ₃ Filler	CaCO ₃ Filler	CaCO ₃ Filler
Code	PE 85N	PE 80N	PE 75N	PE 70N
Moisture	≤ % 0.3	≤ % 0.3	≤ % 0.3	≤ % 0.3
Color	Natural	Natural	Natural	Natural
Ash Content	% 85 ± 3	% 80 ± 3	% 75 ± 3	% 70 ± 3
Carrier	LLDPE	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)	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
Code	MB AO	MB SA	MB OB
Color	Translucent	Translucent	Translucent
MFI	5 (190°C/2.16 kg)	15 (190°C/2.16 kg)	15 (190°C/2.16 kg)
Density	0.92	0.9	0.9
Applications	Different size pipes, Agriculture films, Packing films, suitable for using in HDPE, LDPE, LLDPE, PP	Packing films	Recycled material production, Injection molding parts, Packing films



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White Masterbatch

Type	White Masterbatch	White Masterbatch	White Masterbatch	White Masterbatch
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



Notes:

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