



A t r i n
Asia
Trading

Petropolymer
T r a d i n g

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Polypropylene Homopolymer

Type	PP Homopolymer	PP Homopolymer	PP Homopolymer
Code	PPH 1	PPH 2	PPH 3
Color	Base on customer demand		
MFI 190°C 2.16kg	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





Polypropylene Homopolymer

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} 2.16kg	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 Sanitaryproducts	Toys Food Containers Container Caps and Closures, Sports Equipment Furniture	Households Toys Caps and Closures Thin-Wall Products Sports Equipment





Polypropylene Injection Molding

Type	LDPE Injection	LDPE Injection	LDPE Injection	LDPE Injection	LDPE Injection	LDPE Injection	LDPE Injection
Code	HDPE-5030A	HDPE-6040	HDPE-54B04	HDPE-HI500	HDPE-62N07	HDPE-52518	LDPE -1922T
Color	Natural	Natural	Natural	Natural	Natural	Natural	Natural
MFI ^{190°C} 2.16kg	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 Staring cases Shipping container	Caps and Closures Boxes Seat	Large dustbins and Pallet Boxes	House Hold ware Pallets Seats Crates	House Hold ware Thin Walled Foam, Containers, General Purpose	Caps,Household articles ,Caps





High Density Polyethylene Rotational Molding

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



High Density Polyethylene Extrusion Molding

Type	HDPE. Extrusion	HDPE. Extrusion	HDPE. Extrusion
Code	HDPE EX3	HDPE CRP 100	HDPE 5000S
Color	Natural	Natural	Natural
MFI	0.5 (190c/5kg)	0.25(190c/5kg)	0.8 (190 C /2. 16kg)
Density	0.98	0.97	0.94
Applications	Pipe Extrusion PE100 Class Injection molding and other fittings , Pressure Pipe sewer Pipes and their fittings	Drinking water and gas pipes Discharge pipes.	Fishing net , Agricultural net , Rope Woven sack Tarpaulin





High Density Polyethylene Blown Film

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 (190c/5kg)	10(190 c / 2.16 kg)
Density	0.98	0.98	0.98
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 for thermoforming	Jerry Cans .Drums





High Density Polyethylene Blown Film

Type	HDPE. Blow Film	HDPE. Blow Film
Code	HDPE -F7000	HDPE -EX5
Color	Natural	Natural
MFI	0.04(190°c/2.16kg)	0.2(190c/5kg)
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	HDPE. Blow Film	HDPE. Blow Film	HDPE. Blow Film	HDPE. Blow Film	HDPE. Blow Film
Code	LDPE -2420 D	LDPE -2420H	LDPE -LF190 2119	LDPE -0075	LDPE -020
Color	Natural	Natural	Natural	Natural	Natural
MFI ^{190°c} 2.16kg	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 Shrink Film	General Purpose Films Laminations	Carrier Bags Packaging Bags Dust bin Liner Industrial Film	General Purpose Bags Industrial Injection Molding. Blown Film Packaging





Linear Low Density Polyethylene Blown Film

Type	LLDPE Blown Film	LLDPE Blown Film	LLDPE Blown Film
Code	LLDPE 209 AA	LLDPE 2235F6	LLDPE 22B02
Color	Natural	Natural	Natural
MFI ^{190°C} 2.16kg	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 Shrink 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/5kg)	0.2(190C/35kg)
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





Calcium Carbonate Masterbatch (PP Base)

Type	CaCo3 Filler	CaCo3 Filler	CaCo3 Filler	CaCo3 Filler
Code	PP 80 N	PP 75 N	PP 70N	PP 65N
Moisture	% 0.3	% 0.3	% 0.3	% 0.3
Color	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 %50 additional)	Raffia Injection Molding (We suggest more than %50 additional)	Raffia Injection Molding (We suggest more than %50 additional)	Raffia Injection Molding (We suggest more than %50 additional)





Calcium Carbonate 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 %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)





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} 2.16kg	5	15	15	2-3
Density	0.95	0.9	0.95	0.92
Applications	Different size pipes Agriculture film,Packing films suitable for using in HDPE ,LDPE ,LLDPE ,PP	Packing films	Recycled material production,Injection molding part Packing film	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





Specification

Characteristic	Test Method	Unit	Value
PURITY	ASTM E- 202	WT. %	99.8 MIN.
DIETHYLENE GLYCOL	ASTM E- 202	WT. %	0.08 MAX
WATER CONTENT	ASTM E- 203	WT. %	0.08 MAX
ACIDITY AS ACETIC ACID	ASTM D- 1613	WT. PPM	10MAX
ASH	DC-254A	Gr/100ml	MAX .0.005
CHLORIDES	EO-635	WT.PPM	0.1 MAX .
IRON	ASTME- 202	WT.PPM	0.1 MAX .
ALDEHYDE AS ACETALDEHYDE	DC-163C	WT.PPM	10 MAX
COLOR Pt-Co	ASTM D- 1209	Pt .Co	5MAX
SP.GR (20/20° C)	ASTM D- 891	-	1.1151-1.1156
DISTILLATION @760 MM-Hg			
IBP	ASTM D- 1078	c°	196 MIN.
DP	ASTM D- 1078	c°	199 MAX.
5-95 VOL %RANGE	ASTM D- 1078	c°	1 MAX.
UV TRANSMITTANC			
AT 220 nm	EO-577A	T %	70MIN
ATV 275 nm	EO-577A	T %	95 MIN
AT 350 nm	EO-577A	T %	99MIN.

MEG

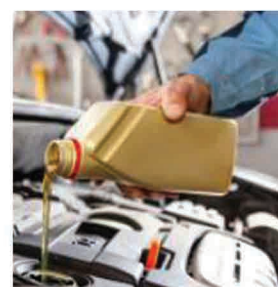
MONOETHYLENEGLYCOL obtained from the reaction of ethylene oxide and water. It is a clear, transparent and odorless liquid that can be mixed with water in any proportion.

Storage conditions :

Under nitrogen blanket and at ambient temperature.

Packing :

Bulk or in 220 Lit (net:230kg) new drums. each 4 drums strapped on a pallet.





Specification

Characteristic	Test Method	Unit	Value
PURITY	ASTM E -202	WT.%	99.8 MIN
MONOETHYLENE GLYCOL	ASTM E -202	WT.%	0.05 MAX
TRIETHYLENE GLYCO	ASTM E -202	WT.%	0.05 MAX
WATER CONTENT	ASTM E -202	WT.%	0.05 MAX
ACIDITY AS ACETIC ACID	ASTM D -1613	PPM	50 MAX
ASH CONTENT	ASTM D -254/A	PPM	50 MAX
SP. GR. (20/20 °C)	ASTM D -891		1-1175-1.1195
COLOR	ASTM D - 1209	Pt- Co	10 MAX
DISTILATION @ 760MM-Hg			
IBP	ASTM D - 1078	C	242 MIN
DP	ASTM D - 1078	C	250 MAX

DEG

DIETHYLENEGLYCOL obtained from the reaction of ethylene oxide and MEG. It is a clear, transparent and odorless. liquid that can be mixed with water in any proportion.

Storage conditions:

Under nitrogen blanket and at ambient temperature.

Packing:

Bulk or in 220 Lit (net: 230kg) new drums.
each 4 drums strapped on a pallet.





No.	Item	Unit	Value	Test Method
1	Color	Hazen	Max. 30	ASTM D 1209
2	Iron	ppm wt.	Max. 2.0	ASTM D 1068
3	Purity	Wt. %	Min. 99.5	ASTM D 2930
4	Ash	Wt. %	Max. 0.0020	ASTM D 482
5	Acidity (MAC Content)	Wt. %	Less than 0.3	ASTM D 2930
6	Solidification point	C	Min.52.3	ASTM D 1493
7	Appearance	-	Colorless Liquid	

Transportation: In tanker truck / iso tank (T11)

Note: Product must be heated to min. 65 °C , mut not more than 45°C for Unloading. Heating medium such as steam or hot water may be required for unloading.

