

KOREXIM CORP.'s Scope of Supply is as follows

Raw material/Product Division

- PP Multifilament Yarn
- Color Master Batch
- CaCO₃ M/B
- PP/HDPE/LDPE/PS/PVC RESIN
- Recycled Paper
- Graphic Printing Ink
- Aluminium & Brass Eyelet

Machinery Division

- Paper bag converting machines
- Flexo-graphic, Roto-gravure printing machines
- Various Extrusion machines for tape/yarn/band, pipe, laminating, steel pipe coating, various functional films & sheets, profile
- Plastic processing machines like color mixer, auto loading /dosing /feeding system, hopper drier, edge trimming /crushing / recycling system, water chiller, air compressor, as well as slitting, coating, punching, cutting and forming machine etc.

www.korexim.net



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Color Master Batch
CaCO₃ M/B
PP/HDPE/LDPE/PS/PVC RESIN
Recycled Paper
Graphic Printing Ink
Aluminium & Brass Eyelet

Supplying raw material, products & machine / plant to the Global Market

KOREXIM®

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CEO Greetings

We, Korexim Corp. is one of reliable raw/sub-raw material suppliers in the World of Printing, PP woven bag, PP cement bag, Paper sack, Corrugated paper box, Paper core, FIBC Jumbo bag, HDPE tarpaulin, PP rope / webbing /string & PP safety net mfg. field etc. since 2001.

And also, From the best machine builder of specific filed in Korea to global clients, We have specialized in supplying Korea made Excellent quality/productivity of various machinery/plant for Extrusion, Injection, Blow molding as well as Plastic processing and Paper conversion including Flexographic or Rotogravure printing process since 1989.

For the aim of customers complete satisfaction with excellent quality/capability but reasonable price of products as well as constant after-sales service through instant communication & periodical site visit, we will always do our best and so please let us to have a chance to supply our raw/sub-raw material, products, various machinery/plant etc. in the near future.

Your keen interest in our scope of supply will make us to support your current business or any project more successfully.

Sincerely Yours

JC Lee, Managing Director





Characteristic

- Various color available
- Water resistant
- Recyclable
- High stiffness
- High impact stress
- UV stability
- Intermingled (24 point per meter)

Application

Webbing, Rope, Sewing Thread, Safety Net, Elastic Band, Container Sling belt, Geo-Textile, Artificial Grass, Upholstery Etc.

Physical Properties

	Tenacity	Elongation	Shrinkage (180°C Hot Air, 30Min)
Normal Tenacity	2.5-3.0 GPD	80%	5%
Medium Tenacity	4.0-5.5 GPD	23%	3%
High Tenacity	6.5-7.0 GPD	23%	3%

Production Range

Denier/Filament	Color	Tenacity	Applications	Packing
210D /24F, 30F, 45F	R/White	Normal Tenacity (6.0-3.5 GPD)	Webbing	5Kgs/Tube
300D /24F, 30F, 45F	Black		Narrow Tape	NET 30Kgs/Carton
350D /45F	Color		Elastic Band	9,600Kgs/20FT
400D /45F			String	19,590Kgs/40FT
680D /45F,60F,90F			Upholstery	18,000Kgs/40FT (H.Q.W Pallet)
840D /90F,100F			Bed Cloth	21,900Kgs/40FT H.Q)
900D /90F,110F,180F				
1200D /90F,110F				
600D /60F,90F	R/White	High Tenacity (7.0GPD) (Color:6.5GPD)	Rope	5Kgs/Tube
840D /90F,110F	Black		Safety Net	NET 30Kgs/Carton
900D /90F,110F,180F	Color		Sewing Thread	9,600Kgs/20FT
1200D /90F,110F			Container Bag	19,590Kgs/40FT
1600D /180F			Sling Belt	18,000Kgs/40FT (H.Q.W Pallet)
2400D /180F			Sports Net	18,000Kgs/40FT (H.Q.W Pallet)
3000D /180F,220F			Geo-Textile	21,900Kgs/40FT H.Q)

PP Multifilament Yarn

Our excellent quality of PP multifilament yarn is in the range of the normal, medium & high tenacity, low cost, lower specific gravity than Nylon or Polyester yarn for longer length, color fastness, attractive color, fast drying, cleanliness, climate resistance, chemical resistance, sanitary, low heat conductivity, low static electricity, effect of heat and easy handling properties etc.

Polyester Yarn Sewing Thread

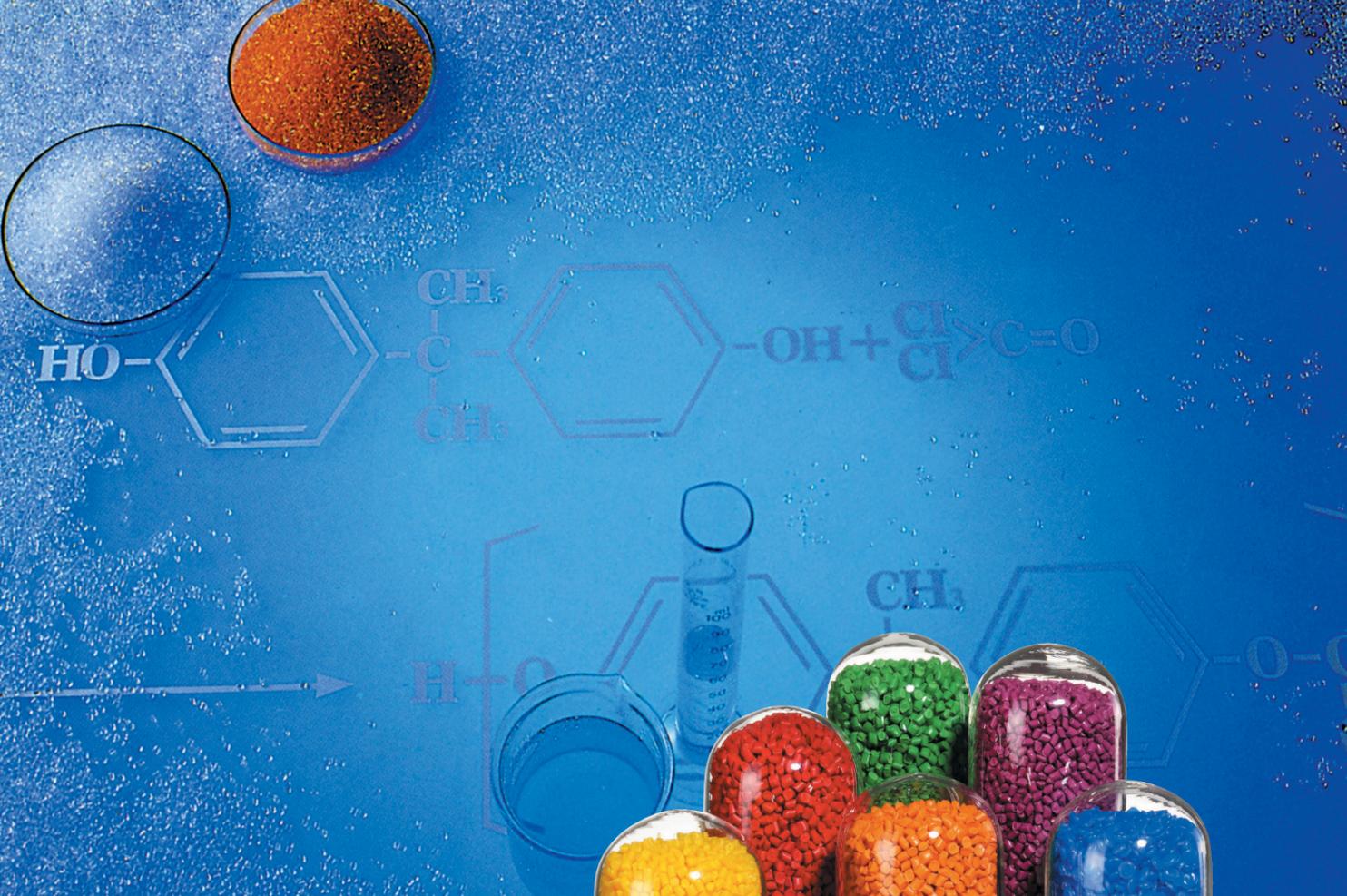
POLYESTER YARN SEWING THREAD, 2000D (1000D x 2 plies), 3000D (1000D x 3 plies)



Application

It is used for sewing of FIBC jumbo bag





Main application

HDPE/LDPE/LDPE Film, PP Flat Yarn (PP woven bag / FIBC jumbo bag), HDPE tarpaulin, PP Multifilament, Monofilament, HDPE/PP Pipe, Injection Product etc.

Special application

Anti-fogging, Long Life, Protecting Frost on Green House Film or Green Mulch Film. Foaming Additive & Moisture absorption additive for various foamed products like PE/PS/XES. Anti-slip or Slip, Non-flammable, Anti-Biotic, Protecting Ultraviolet, Anti-Oxidant, Fluorescence & Nuclear Agent etc.



Color Master Batch

Our color master batch is the harmless and environment-friendly product that has characteristics such as safety, uniformity, and simplicity in color. We produce and supply World-best quality of various & functional master batches that have a high added-value without physical and chemical deformations in color ranging over general-purpose plastics and engineering plastics. We are sure that we are ready to develop necessary color or special purpose/function of master batch if there is a necessity of special purpose of master batch in the future market



Caco₃ M/B

Calcium Carbonate M/B (Calpet, Caltech)

This is an additive for polyolefin resins and it should be used by mixing with polyolefin resins (LDPE, HDPE, PP resin).

Our clients can enjoy the following benefits by using our higher quality Caco₃ M/B together with polyolefin resins for the purpose of BETTER PRINTABILITY, BETTER PRODUCTIVITY, BETTER DIMENSION STABILITY, ANTI-VERTICAL TEARING, ANTI-FIBRILLATION, REDUCTION OF WHITE COLOR PIGMENT COST, REDUCTION OF CALORIFIC QUANTITY, ETC.

Ingredient of Caco₃ M/B is 80-85% CACO₃ + 20-15% other diffusion and reinforcement agent like PP, PE and other additives.

Mixing ratio of our Caco₃ M/B with main application resin is 5-20% for PP (flat yarn grade), 1-10% for HDPE (flat yarn grade), 1-20% for PP blown film grade), 1-30% for HDPE (blown film grade), 1-20% for LDPE (blown film grade) and the mixing ratio with other kinds of application resin like injection molding grade, blow molding grade, monofilament grade, band grade and twin & string grade etc., can be applicable from 1 to 50% according to required strength, color, use of the final products.

PP/HDPE/LDPE/PS/PVC

POLYPROPYLENES

Homopolymers, copolymers, random and impact

POLYETHYLENES

High and low density, as well as linears

POLYSTYRENES

High impact and general use

PVC

POLYVINYL CHLORIDE



Benefits of Caco₃ M/B

PP, HDPE Flat Yarn

- Anti-vertical tearing of the yarn.
- Anti-fibrillation of the yarn.
- Better printability on the surface of the surface of the woven cloth.
- Anti-slip effect of the yarn, cloth and bags.
- Greater tensile strength of the yarn after stretching.
- The yarn has a stiff quality and so the cloth and bag tend to be firmer and more stable.
- It is more easily processed into bags because of easy handing at the looms and machines.

LDPE, HDPE, PP Blow Molding

- The finished products have a firmer characteristic.
- Reduction of white color pigment cost.
- Better dimension stability.
- Better productivity.

PP BAND

- Anti-vertical tearing.
- Better productivity due to better output of the material.
- Anti-slip of the bands.
- Better and easier heat-sealing.

LDPE, HDPE, PP(Inflation Molding)

- Improvement of the dimension stability due to less shrinkage.
- Improvement of printability on the surface of the finished products.
- The finished products are solid-looking, like plaster works.
- Reduction of the material cost by using CALPET/CALTECH as a filler.
- Improvement of Productivity due to the faster shot cycle.
- Reduction of the white color pigment cost when the colors of finished products are white or related shades.
- The finished product mixed with CALPET /CALTECH have a warp resistant quality.
- Higher heat-resistance
- Higher flexural-rigidity.

LLDPE, HDPE, PP Blown Film (Inflation Film)

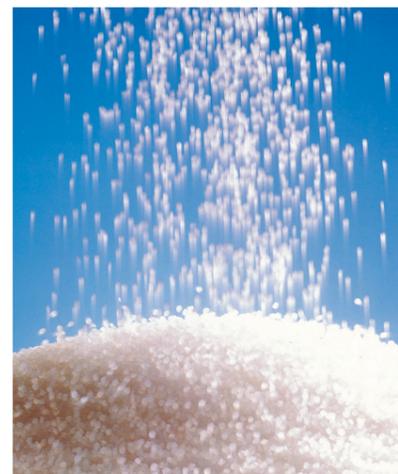
- Anti-blocking effects.
- Improvement fo printability on the film surface.
- Diminishing of the gloss on the film surface.
- Cost reduction of the white color pigment.
- Better productivity due to better output of the Materials.

PP/HDPE Resin for PP Woven Bag and PIPE

POLYPROPYLENE, HOMOPOLYMER, H5300 is designed for the extrusion of textile yarn and monofilaments. Good processibility and stretchability.

HDPE, P600 is designed for the extrusion of gas pipes, water supply and drain pipes. PE 100, excellent creep resistance, SCG, RCP.

RANDOM COPOLYMER, RP2400 is specially designed for the extruder pressure pipe, hot water and floor heating pipes. Good processibility, High Pressure Rating, Good Flexibility, Color : Natural, White, Gray, Green, Dark Green available.





Recycled Paper

We have been specialized in supplying following environment-friendly recycled papers.

Liner for Corrugated fibre Boards

Liner used for the surface and back of corrugated boards for packing of industrial, agricultural and marine products

Pulp is attached to the top layer to improve physical strength, surface performance, absorption resistance and appearance, and mainly used for the surface of corrugated board box.

Corrugating Medium Paper

Liner used for corrugation of corrugated board box

Liner, fully made of OCC, is mainly used for the backside paper of corrugated board box or corrugating medium paper.

Special Liner

Kraft paper for special sack, core liner etc.

Kraft Paper Kraft paper, made of pulp and OCC, is broadly used such as general envelopes and sacks for grain, sugar, feed, and cement packing, whose basis weight is 70-100g/m².

Core liner Core liner is used to make a core in the center of roll products such as paper, vinyl and thread, whose basis weight is 250-500g/m².

Graphic Printing Ink

Flexo

- Excellent property for printing on PP woven bag paper shopping bag, film etc.
- High strength of coloring effect and hidden power
- Excellent rub-resistance
- Excellent in resolubility. It is manufactured in various colors; consultation and manufacturing are always available for special color and grade



Gravure

- Nontoxicity and pollution-freeness as well as printing and post-processing properties are important for Gravure Ink
- Optimum physical property and maximum printing effect close to the color of nature



Aluminium & Brass Eyelet for HDPE Tarpaulin



Material	Size	OD	ID	Height
Aluminium	23mm	23mm	1.2mm	7.3mm
Aluminium	28mm	28mm	1.6mm	8.0mm
Brass	24mm (thomfoot)	24mm	1.2.2mm	8.0mm
Brass	27mm (thomfoot)	27mm	1.3.5mm	8.0mm
Brass	33mm	33mm	1.8.0mm	9.0mm

Other material like steel optionally available by plating.

