

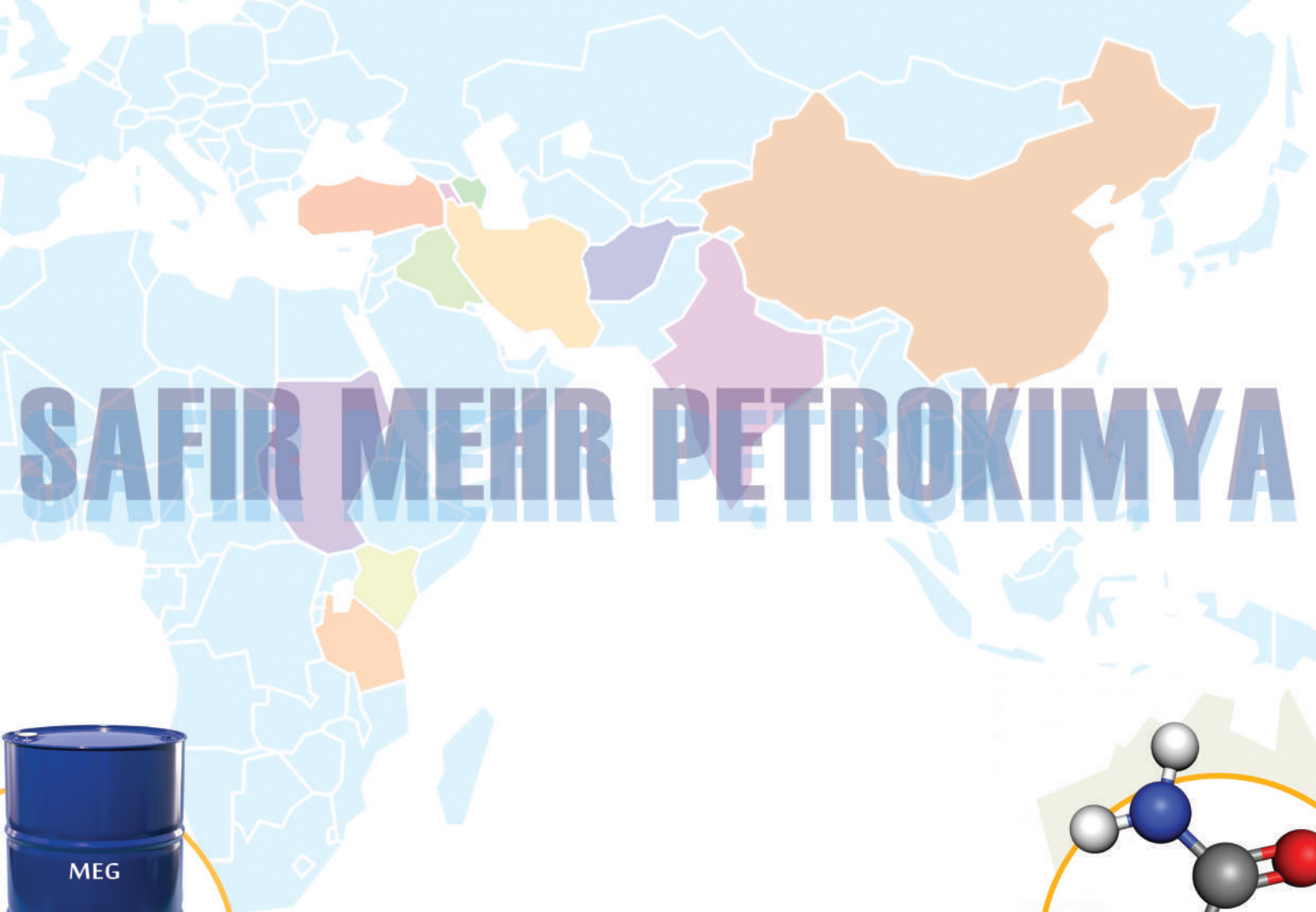
Petrochemical Products



SMP

Safir
MEHR PETROKIMYA

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SAFIR MEHR PETROKIMIYA





List of products

● Polymers

- **PE**
HDPE
LDPE
LLDPE
MDPE
- **PP**
HOMO POLYMER
CO POLYMER
PIPE
- **PVC**
- **PS**
GPPS
EPS
HIPS
- **ABS**
- **SBR & PBR**
- **PC**
- **PET**

● Chemicals and Fertilizers

- **CAUSTIC SODA**
Caustic soda flakes 99%
Caustic soda liquid 50%
- **UREA**
Granular urea fertilizer 46%
Agriculture and Industry Periled Urea 46%
- **ALCOHOLS**
Methanol
Ethanol
Methyl acetate
Ethyl acetate
- **GLYCOL**
MEG (MONO Ethylene glycol)
DEG (Diethylene glycol)
TEG (Tri ethylene glycol)
PEG (400-6000)
- **AMINE**
DEA (DI Ethanol Amine)
MEA (Mono Ethanol Amine)
TEA (TRI Ethanol Amine)
- **MIX-XYLENE**
- **ANILINE**
- **ALKYL BENZENE**
- **ISOCYANATE**
- **AMMONIA**
- **SULPHUR**
- **LAB SA (Sulfonic Acid)**
- **VCM (Vinyl Chloride Monomer)**
- **SLES**

ABOUT US

We, Safir Mehr Petrokimya, are a reliable and committed trading company with experienced personnel in the field of supplying and exporting petrochemical raw materials (polymers and chemicals) and petroleum derivatives.

We have direct relationships with all petrochemical companies in Iran and serve as their sales representative. This enables us to meet our customers' demands by participating in tenders and ensuring a constant supply of requested products.

In terms of logistics, we maintain strong and continuous partnerships with numerous sea and land transportation companies. This allows us to support our customers by delivering cargo with different Incoterms, tailored to their specific requirements.

When it comes to financial services, we have business partners in various countries. These partnerships enable us to provide customers with convenient payment options, including payment in dollars, euros, dirhams, and even digital currencies.

To ensure a worry-free shopping experience, we prioritize the supply of quality raw materials and utilize fast and secure transportation methods. Our colleagues in the petrochemical industry supervise the transportation process, providing an extra layer of quality assurance.

We are with you every step of the way, from initial financial transactions to final delivery.

Additionally, we have an independent factory specializing in plastic materials recycling. Our knowledgeable team is capable of producing recycled raw materials with quality compounds that exhibit physical and mechanical properties similar to virgin raw materials. We offer services tailored to the specific needs of our customers.

To submit your letter of request (LOI) for purchase or to seek consultation, please contact us via email or WhatsApp. Our dedicated colleagues are eager to assist you.

CONTACT US

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Polymers

PE (Polyethylene)

HDPE

Blow molding Grade

Products made from HDPE Blow Molding Grade

- Detergent containers
- Toy
- Standard and light gallons
- Medicine containers
- Solvent and fuel containers
- Food storage containers (sauce etc.)
- Inflatable containers up to 5 liters
- Blow molding of large parts



Polymers

PE (Polyethylene)

HDPE

Film Grade

Products made of HDPE Film Grade

- Refrigerator bag
- Carrier bag
- Garbage bag
- Nylon and Nylex
- disposable gloves
- Advanced Ultra Thin Film
- Medical Gowns
- Wrapping films
- Food packaging



Polymers

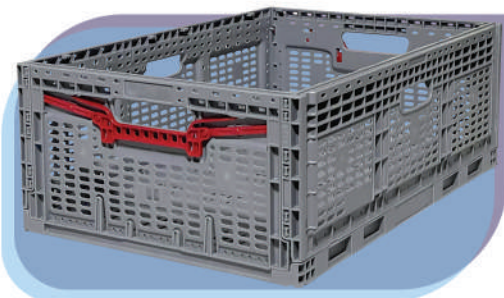
PE (Polyethylene)

HDPE

Injection Grade

Products made of HDPE Injection Grade

- All kinds of injection parts such as boxes
- Trash bin
- Plastic bucket
- Pallets
- Chairs
- Home and Kitchen appliances
- Toy
- Sports equipment



Polymers

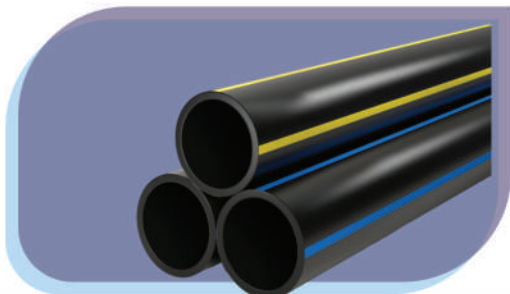
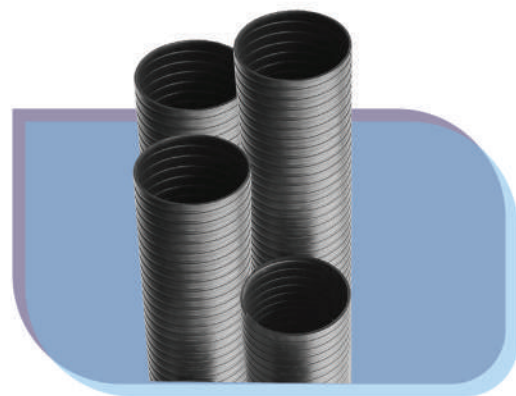
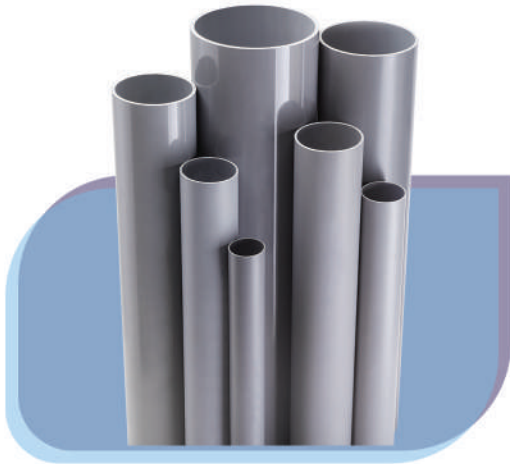
PE (Polyethylene)

HDPE

Pipe Grade

Products made of HDPE Pipe Grade

- Water pipe
- Sewer pipe
- Gas pipe
- Fittings
- Agricultural irrigation pipes
- High pressure pipe



Polymers

PE (Polyethylene)

HDPE

Extortion Grade

Products made of HDPE Extortion Grade (yarn Grade)

- Fishing net
- Rope
- Woven Sack
- Canvas cloth
- Rope and tensile fibers



Polymers

PE (Polyethylene)

HDPE



Roto molding Grade

Products made of HDPE Roto Molding Grade

- Barrel or Tank
- Plastic tank and Plastic tub
- Kayak boats



Polymers

PE (Polyethylene)

HDPE

Bottle Cap Grade

Products made of HDPE Bottle Cap Grade

- Injection of Bottle caps and Containers
- Carbonated water, soda and bottle caps, etc.
- Beverage bottle caps



Polymers

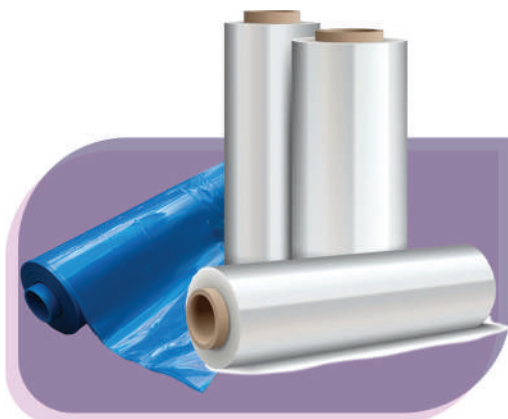
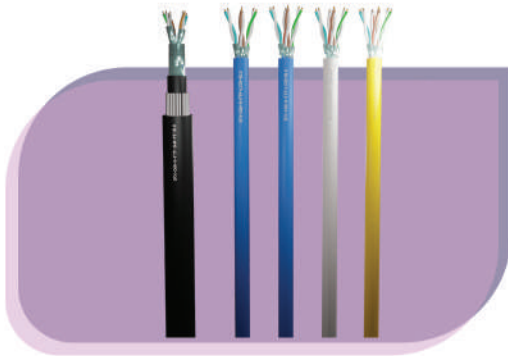
PE (Polyethylene)

LDPE

Film Grade

Products made of LDPE Film Grade

- Packaging film and Agricultural films
- Food packaging
- Carrying bags
- Transparent dry cleaning bags
- Milk Storage Bag
- Cable insulation
- Plastic containers and toys
- Electrical and telecommunication wire coating



Polymers

PE (Polyethylene)

LDPE

Injection Grade

Products made of LDPE Injection Grade

- Small volume containers and Polyethylene pipes
- Plastic containers and Toys
- Bottle Lid
- Household supplies



Polymers

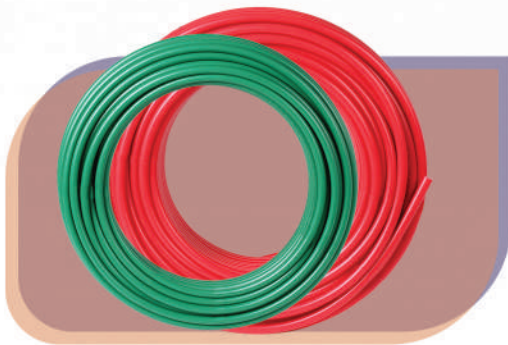
PE (Polyethylene)

LLDPE

Film Grade

Products made of LLDPE Film Grade

- Stretch film
- Industrial packaging films
- Food packaging films
- Agricultural films
- Three-layer films
- Irrigation tapes
- Frozen packaging



Polymers

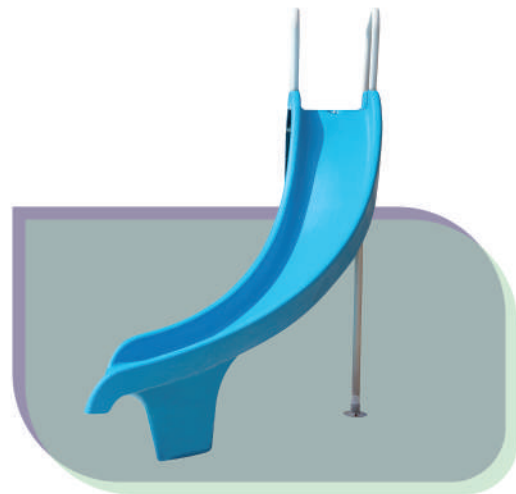
PE (Polyethylene)

MDPE

Roto molding Grade

Products made of MDPE Roto Molding Grade

- Inflating method in large pieces
- IBC tanks for the storage of hazardous substances
- Recycling Tanks
- Plastic boat
- Slide
- Septic Tank



Polymers

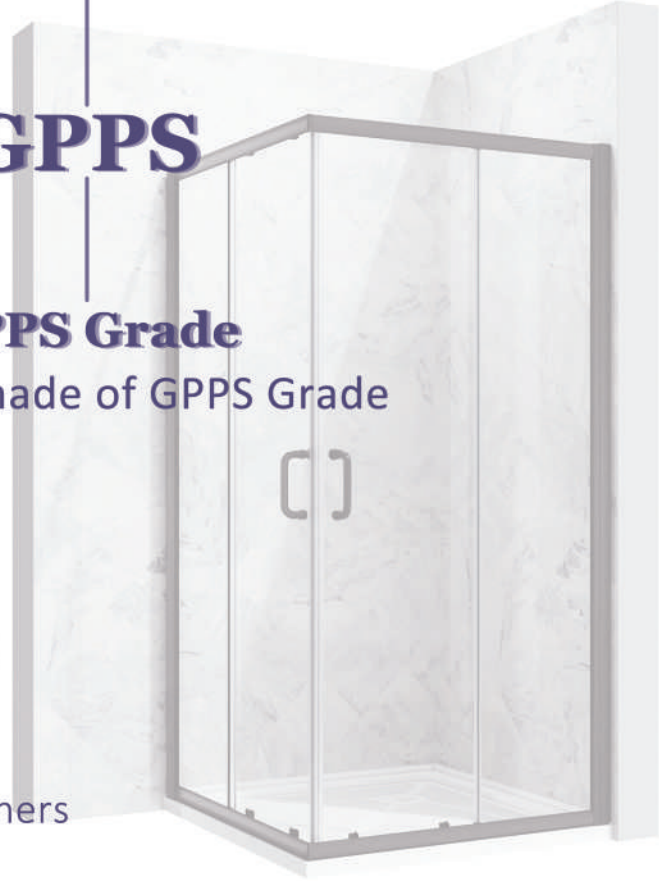
PS (Polystyrene)

GPSS

GPSS Grade

Products made of GPSS Grade

- Shower cabin
- Disposable cups
- Food container
- Pen bodies
- Fruit tray foam board
- Meat trays
- Glasses
- XPS pages and containers



Polymers

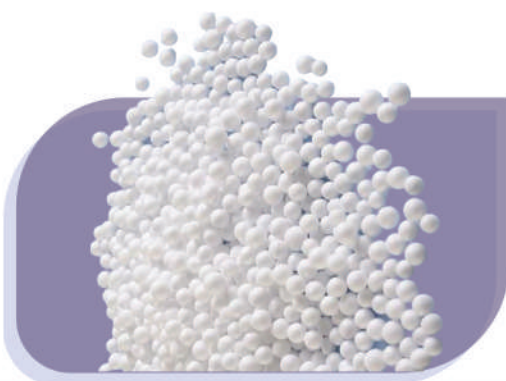
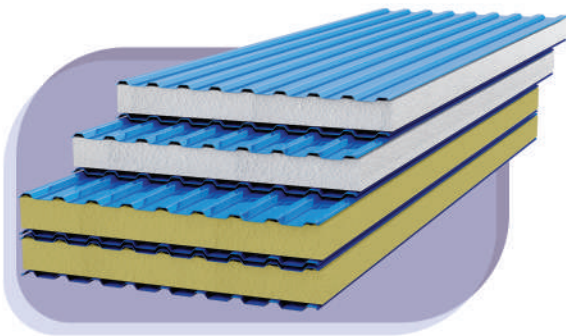
PS (Polystyrene)

EPS

EPS Grade

Products made of EPS Grade

- Construction of Plastofoam ceiling blocks
- Making all kinds of refrigerators and thermoses
- EPS Blocks
- Insulation
- Sound and heat insulation
- Sandwich panel
- Flame retardant foam



Polymers

PS (Polystyrene)

HIPS

HIPS Grade

Products made of HIPS Grade

- Packaging containers
- Egg box
- Industrial parts
- Refrigerator doors
- Monitor body
- Packaging of fatty foods and dairy products
- Food packaging as beverage glasses
- Yoghurt containers
- Helmet (motorcycle etc.)



Polymers

PP (Polypropylene)

HOMO POLYMER

H-PP Grade

Products made of HOMO POLYMER Grade

- Heavy duty jumbo bag
- Furniture
- Toy
- Bottle caps
- Toothbrush
- Broom and brush
- Food containers
- Artificial grass
- Seat belts
- Auto parts
- Fibers
- Backpack straps
- Cotton sack weaving types
- Carpets and rugs
- Textile
- Curtain fabric and sofa fabric
- Car seat cover
- Mask and Hospital Gowns



Polymers

PP (Polypropylene)

COPOLYMER

CO-PP Grade

Products made of COPOLYMER Grade

- Filters
- Containers
- Lamination
- Food and Cosmetics Packaging
- Packaging of fixed accessories
- Bottle and medicine bottle
- Pipe
- Production of IML containers
- Buffer and Torpedo
- Stationery folders
- Syringe production



Polymers

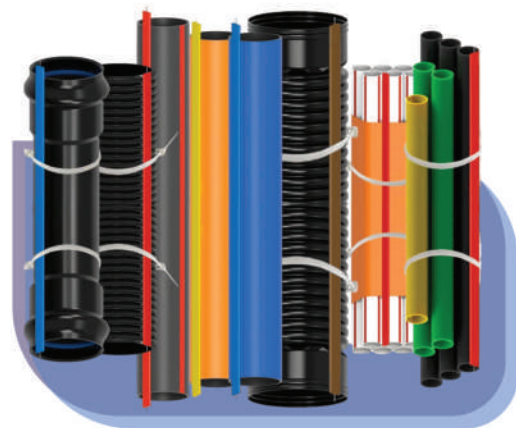
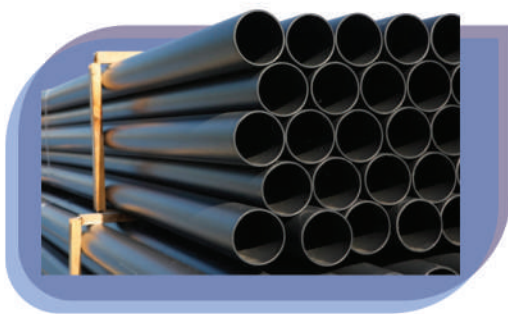
PP (Polypropylene)

PIPE POLYMER

PIPE Grade

Products made of PIPE POLYMER Grade

- Industrial pressure pipe
- Hot and cold water supply
- Service pipes
- Industrial water recycling
- Polypropylene fittings
- Profile



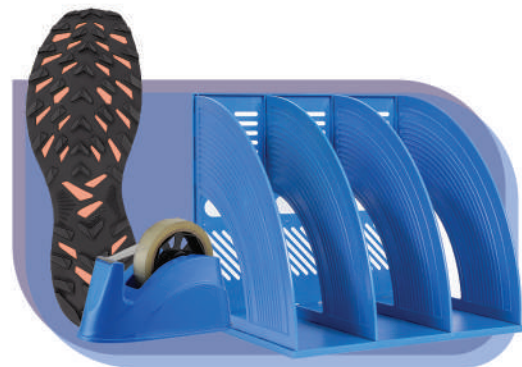
Polymers

ABS

Acrylonitrile Butadiene Styrene

Products made from Acrylonitrile Butadiene Styrene

- Office materials
- Covering household appliances
- Heat resistant house
- Printing industry
- Plastic protectors of wall sockets
- LEGO toys
- Cooking utensils
- Helmet
- Car parts production
- Home Appliances
- Furniture making
- Shoe Insole



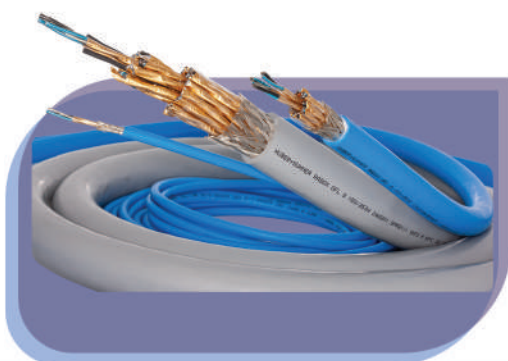
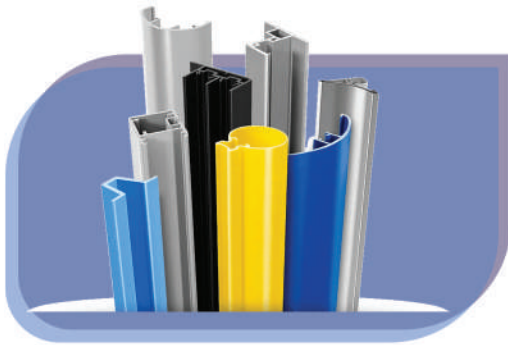
Polymers

PVC

Polyvinyl Chloride

Products made from Polyvinyl Chloride

- Cable industry
- Electrical wires industry
- Cable protector
- Injection molding
- Window Profilers
- Pipe production
- PVC fittings production



Polymers

PC

Polycarbonate

Products made of Polycarbonate

- Wire and cable
- Cable insulation
- Home Appliances
- Car accessories
- Sports equipment
- Hose
- Phone covers
- Helmet
- Polycarbonate luggage
- Phone covers and cases
- Tool Box



Polymers

PET

Polyethylene Terephthalate



Products made from Polyethylene Terephthalate

- Sofa and curtain fabric
- Sports suit making
- Packaging of all kinds of carbonated drinks
- Food packaging
- Cooking oil containers
- Mineral water containers



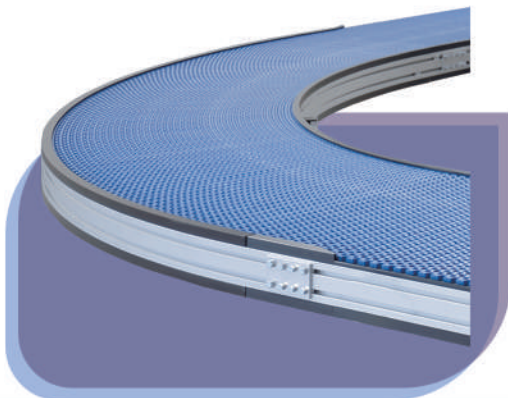
Polymers

SBR

Styrene-Butadiene Rubber

Products made of SBR

- Car tire
- Shoe or Boot
- Washer
- Coating and sealing adhesives
- Conveyor belt
- Hose
- Flooring
- Mechanical products, belts



Polymers

PBR

Polybutadiene Rubber

Products made from PBR

- Conveyor belt
- Shoe Lining
- Hose
- Car tire
- Flooring



Chemicals and Fertilizers

CAUSTIC SODA

Flakes 99% - Liquid 50%

- Papermaking and cellulose pulp production
- Soap, synthetic detergents
- Fatty acids

- Soap and Detergent
- Textile
- Mining chemicals
- Water refinery
- Pulp and paper



Chemicals and Fertilizers

UREA

Periled UREA (Agriculture and Industry) Granul Urea

Granular urea fertilizer 46%

- Agriculture
- Chemical industry
- Laboratory and medicine
- Explosives

Agriculture and Industry Periled Urea 46%

- Agriculture
- Animal feed
- Plastic production
- Resin and glue production



Chemicals

ALCOHOLS

METHANOL

Products made from Methanol

- Industrial adhesives
- Solvents and antifreeze
- All kinds of plastic
- Plywood
- Paint and explosives



Chemicals

ALCOHOLS

ETHANOL

Products made from ETHANOL

- Health and cosmetic industries
- Pharmacology
- Food industry
- Cleaning of surfaces



Chemicals

ALCOHOLS

Methyl acetate

Products made from Methyl acetate

- Paint industry
- Bottle Caps
- Cosmetics
- Textile
- Flavoring in food additives



Chemicals

ALCOHOLS

Ethyl acetate

Products made from Ethyl acetate

- Essential Oils
- Cleaning equipment
- Preparation of organic materials (Medicines)
- Extraction
- Adhesives
- Synthetic leather and covering material
- Nitrocellulose and cellulose acetate varnishes
- Photographic Films



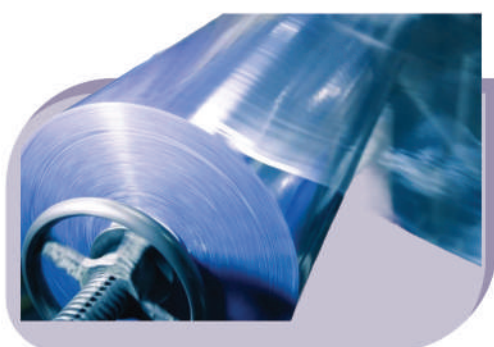
Chemicals

GLYCOL

MEG (MONO Ethylene glycol)

Products made from MONO Ethylene glycol

- Water-based adhesives
- Antifreeze
- Electrolytic capacitors
- Polymer production
- Plastic, varnish, paint production
- Leather
- Textile and leather dyeing
- Disinfectants



Chemicals

GLYCOL

DEG (Diethylene glycol)

Products made from Diethylene glycol

- Unsaturated polyester resins
- Softeners
- Material solvent and antifreeze
- Tobacco
- Hydraulic brake fluids



Chemicals

GLYCOL

TEG (Tri ethylene glycol)

Products made from Tri ethylene glycol

- Make-up products
- Dewatering of natural gas
- Shampoo
- Household and industrial cleaners
- Dyes in the textile industry
- Vehicle safety glass



Chemicals

GLYCOL

PEG (400-6000)

Products made from Polyethylene glycol

- Adhesives
- Ceramic
- Pulp and paper
- Metal covering
- Agriculture
- Detergents and cleaners
- Cosmetics (Deodorant and Cream)
- Pharmaceutical industry (ointment and suppository)



Chemicals

AMINE

DEA (DI Ethanol Amine)

Products made from DI Ethanol Amine

- Production of detergents and cleaners
- Lubricants
- Cement additives
- Cosmetics production



Chemicals

AMINE

MEA (Mono Ethanol Amine)

Products made from MONO Ethanol Amine

- Detergents
- Anti-rust
- Cleaners
- Emulsifier
- Pharmacology
- Agricultural chemicals
- Concrete Additives



Chemicals

AMINE

TEA (TRI Ethanol Amine)

Products made from TRI Ethanol Amine

- Dry cleaning soaps
- Liquid detergents
- Dish detergents
- General cleaners
- Hand sanitizers
- Metal processing
- Dyes
- Printing inks
- Cement production
- Medicine
- Photography
- Fabric and wool washing
- As corrosion inhibitors



Chemicals

MIX-XYLENE

Products made from MIX-XYLENE

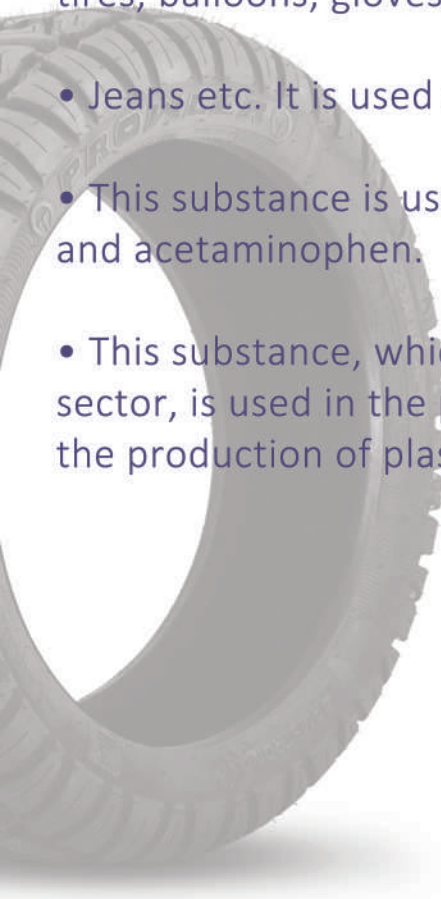
- Production of Terephthalic Acid, Dimethyl Terephthalate and Ethylbenzene
- As raw material in benzene production
- Dry ice production in laboratories to cool reactor tanks
- Use of xylene in the adhesive industry to reduce the viscosity of the adhesive.
- Washing of transport equipment and tank containers of aircraft and tankers
- Used as a solvent in printing, rubber, paint and leather industries.
- Paint and resin are non-volatile and high viscosity compounds, causes the colors to not flow and is difficult to apply. Adding mixed xylene to the paint and resin greatly aids the flow of the paint and resin and ease of use
- Application of xylene in agriculture
Most poisons used in agriculture are non-polar and insoluble in water, so these poisons cannot be mixed with water. Mixed xylene is also non-polar in nature and can be a good solvent for hydrophobic poisons. To use non-polar poisons, it can be diluted with xylene solvent, mixed well and used.

Chemicals

ANILINE

Products made from ANILINE

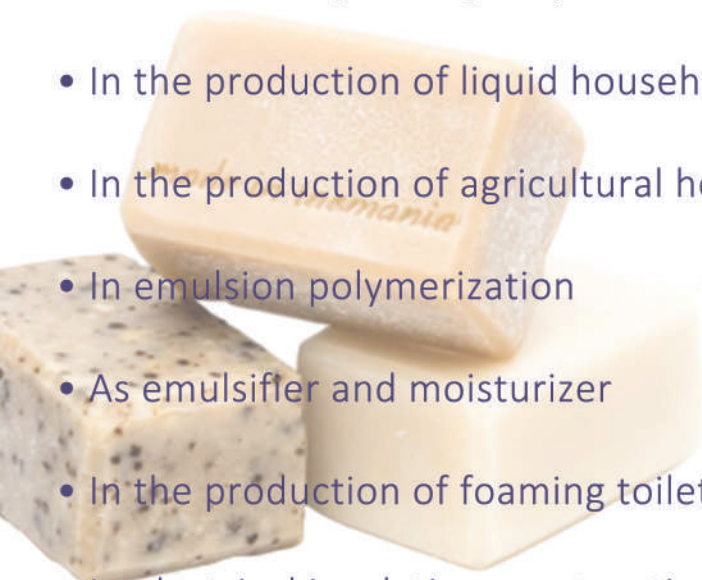
- Aniline is used in the rubber and tire industry to use rubber chemicals and car tires, balloons, gloves, etc. used to process products.
- Jeans etc. It is used as a dye in the making of clothes.
- This substance is used in the production of drugs such as paracetamol, Tylenol and acetaminophen.
- This substance, which is used as a pesticide and fungicide in the agricultural sector, is used in the production of polyurethane, and polyurethane is used in the production of plastic.



ALKYL BENZENE

Products made from ALKYL BENZENE

- In the production of detergents
- In the production of washing powder
- In dishwashing detergent production
- In the production of liquid household cleaners
- In the production of agricultural herbicides
- In emulsion polymerization
- As emulsifier and moisturizer
- In the production of foaming toilet soap
- In electrical insulation construction
- As raw material for the production of LABSA (linear alkyl benzene sulfonate)
- As a special solvent and also as a component in some heat transfer fluids



Chemicals

ISOCYANATE

Products made from ISOCYANATE

This material is used in the production of coatings, sealants, adhesives and elastomers. MDI and TDI are the largest aromatic diisocyanates and are mostly used in the production of polyurethane.

- Adhesive industry
- Paint industry
- Automotive sector (transportation)
- Coating and sealant
- Rubber and plastic products
- Lubricant
- Grease
- Fuel additives



Chemicals

AMMONIA

Products made from AMMONIA

Applications of ammonia can be mentioned in the preparation of chemical fertilizers, ice making, nitric acid, other nitrogenous compounds, explosives and food preservation.

Important uses of ammonia include:

- Agricultural industry

Almost 80% of the total ammonia produced in the world is in agricultural industries is used. This chemical is known as a very valuable source of nitrogen necessary for plant growth.

Common uses of ammonia in the agricultural sector are as follows:

- Animal feed:

This substance and urea are used as protein sources in the nutrition of domestic animals such as cows, sheep and goats.

- Fertilizer:

Ammonia, urea, ammonium phosphate, ammonium nitrate, aqueous ammonia, ammonium sulfate, Liquid fertilizer consisting of ammonium salts and nitrate.

- Protection of plants:

NH_3 is used to preserve and preserve fruits; For example, in some fruits It is used to prevent fungus formation, to store corn in high humidity environments, and as a weed preventer on trees.

- Leather industry
- Metal baking process
- Rubber and fiber industries
- Paper and pulp industries
- Mining and metallurgical industries
- Pharmaceutical and cleaning industries
- Chemicals and explosives manufacturing industries
- Food, beverage, petrochemical and cold storage industries

Chemicals

SULPHUR

PRODUCTS MADE FROM SULFUR

- Use on batteries
- Stamp
- Fungicides and pesticides
- Agricultural fertilizer production
- Matches
- Fire works
- Construction of corrosion-resistant concrete with high resistance and anti-scratch



LAB SA (Sulfonic Acid)

PRODUCTS MADE FROM SULFONIC ACID

This material is generally packaged in 220 kg volume HDPE barrels at 96% concentration and presented to the buyer in the form of barrels and pallets.

What is sulfonic acid?

This substance is used as a cleaning agent in detergents and maintains acidity. This acid removes organic and mineral substances from the surface and has an antibacterial effect. This material is used as an active ingredient in dishwashing liquids to help reduce the density of stains and deposits.

Some other products containing sulfonic acid include:

- Washing powder
- Liquid soap
- Cleaning powder
- Hair shampoo
- Body shampoo
- Dish cleaner

Where it is used:

- Detergents
- Skin creams and products
- Removal of dead skin cells and peeling
- Colorful seeds



Chemicals

VINYL CHLORIDE MONOMER (VCM)

PRODUCTS MADE FROM VINYL CHLORIDE

Vinyl chloride is an organochloride (organic chlorine compound) with the formula $H_2C=CHCl$, also called vinyl chloride monomer (VCM) or chloroethene.

This colorless compound is an important industrial chemical used primarily to produce the polymer polyvinyl chloride (PVC).

Polyvinyl chloride, or PVC, is a universal polymer with many applications (pipes, floor coverings, cable insulation, bottles, packaging foils, medical products, etc.). The reason for the widespread use of this polymer is its low cost, suitable physical and chemical properties and resistance to environmental conditions.

SLES

This substance is an emulsifying, foaming, dissolution accelerating and foaming chemical compound used in the washing, detergent or food industries, and is an anionic surfactant in shampoo production.




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