



K Sezonu Gotov LLC

Brochure

K Sezonu Gotov LLC Manufacturers Quality base chemicals and three polymers: two polyolefins (polyethylene and polypropylene) and a styrenic polymer (polystyrene HIPS & GPPS).

Basic chemicals

In The Essential Chemical Industry - Online, there are 76 units which describe key aspects of the chemical industry in a concise way. They

are designed so that you can 'dip in' to them to retrieve the information you need.

Although the units are self-contained, you will find that throughout this web site there are cross-references to material in other units, which is easily obtained by the designated hyperlinks. There is also a facility which allows you to search the whole site. These two approaches will help you to follow up related topics and to explore more widely.

There is an overview of the chemical industry which looks at the industry in an international context. The other 75 units are presented in five thematic groups:

- Industrial processes*
- Materials and applications*
- Basic chemicals*
- Polymers*
- Metals*

Basic chemicals, produced in large quantities, are mainly sold within the chemical industry and to other industries before becoming products for the general consumer. In this group of units, each chemical is described in the same way, in three main sections which guides you instantly to relevant information:

- Uses*
- Annual production quantities*
- Manufacture*

There are units on major organic and inorganic compounds.

The organic compounds are either building blocks such as ethene, propene, butadiene and benzene and how they are used to make plastics and pharmaceuticals, or compounds made from these building blocks, such as ethane-1,2-diol, ethanoic acid and methanal, useful in their own right or are used to make other useful compounds.

The inorganic chemicals included in this web site are compounds such as calcium carbonate, chlorine, hydrogen chloride, nitric acid, sodium hydroxide, sodium carbonate and sulphuric acid, which are used to make other compounds, including plastics, fertilizers, soaps and surfactants, and building materials.

Inorganic basic chemicals

Ammonia
Bromine
Calcium carbonate
Chlorine
Fluorine
Hydrogen
Hydrogen chloride
Hydrogen fluoride
Hydrogen peroxide
Iodine
Nitric acid
Oxygen, nitrogen and the rare gases
Phosphoric acid
Phosphorus
Sodium carbonate
Sodium hydroxide
Sulfur
Sulfuric acid
Titanium dioxide

Organic basic chemicals

Benzene and methylbenzenes
Buta-1,3-diene
Epoxyethane (Ethylene oxide)
Ethane-1,2-diol (Ethylene glycol)
Ethanoic acid (Acetic acid)
Ethanol
Ethene (Ethylene)
Methanal (Formaldehyde)
Methanol
Methyl tertiary-butyl ether
Phenol
Propanone (Acetone)

K Sezonu Gotov LLC Refining & Chemicals is a major production hub, covering refining, petrochemicals and specialty chemicals. Petrochemicals encompass base chemicals and polymer derivatives.

At K Sezonu Gotov LLC, refining and petrochemical operations, grouped in the Refining & Chemicals business segment, plus end-to-end integration along the oil and gas value chain.

K Sezonu Gotov LLC manufactures the base chemicals and three polymers: two polyolefins (polyethylene and polypropylene) and a styrenic polymer (polystyrene HIPS & GPPS).

Key Services Offered :

Petrochemicals encompass base chemicals and polymer derivatives. K Sezonu Gotov LLC manufactures the base chemicals and three polymers: two polyolefins.

Plastics: polystyrene (HIPS, GPPS), polypropylene and polyethylene.

Key Products:

Base chemicals

Polyethylene

Polypropylene

Polystyrene HIPS & GPPS

Polymers different grade (HDPE, LLDPE)

HDPE blow moulding (MFI= +/- 30 to 35)

LLDPE Film Without slip (MFI= +/- 1)

PP Raffia grade, woven sacks (MFI= +/- 3)

PP Raffia grade, non woven sacks (MFI= +/- 3)

PVC (K-63 to 67)

Polypropylene

Chemical compound

Description

Polypropylene, also known as polypropene, is a thermoplastic polymer used in a wide variety of applications. It is produced via chain-growth polymerization from the monomer propylene. Polypropylene belongs to the group of polyolefins and is partially crystalline and non-polar.

Melting point: 160 °C

Density: 946 kg/m³

Formula: $(C_3H_6)_n$
IUPAC ID: poly(propene)
Boiling point: $-48\text{ }^\circ\text{C}$
Classification: Thermoplastic

Polyethylene

Chemical compound

Description

Polyethylene or polythene is the most common plastic. As of 2017, over 100 million tonnes of polyethylene resins are produced annually, accounting for 34% of the total plastics market. Its primary use is in packaging.

Formula: $(C_2H_4)_n$

Melting point: $115\text{--}135\text{ }^\circ\text{C}$ ($239\text{--}275\text{ }^\circ\text{F}$; $388\text{--}408\text{ K}$)

Density: $0.88\text{--}0.96\text{ g/cm}^3$

Magnetic susceptibility (χ): -9.67×10^{-6} (HDPE, SI, 22°C)

Abbreviations: PE

Log P: 1.02620

Find Out if HIPS or GPPS is Better for Your Polystyrene Application

Polystyrene (PS) is one of the most popular thermoplastic materials in the world, but depending on your application you'll want to use High-Impact Polystyrene (HIPS) or General-Purpose Polystyrene (GPPS). Each has unique properties that should be taken into account before deciding which one is best for your project and end-user.

At Amco Polymers, offering our material expertise in product development is one of the solutions we pride ourselves on offering to our clients. Read on to learn more about which type of polystyrene you should consider for your end product.

What Do HIPS and GPPS Have in Common?

While there are some key differences between high-impact and general-purpose polystyrene resins, they do share several characteristics. Both are resins that are low-cost, rigid and easy to process and manufacture. These methods of processing include injection molding, extrusion, blow molding and thermoforming.

HIPS and GPPS are both FDA-compliant, making them very common in kitchenware and food packaging applications. These aren't the only

application categories they share, as they both can be used in healthcare and houseware applications as well.

These polystyrene resins have excellent aesthetics, good gloss and are easy to paint, glue and print on. HIPS and GPPS also each hold Underwriters Laboratory recognition 94HB and are recyclable.

Amco Polymers has HIPS and GPPS products available through our supplier relationship with Total Petrochemicals.

What are the Unique Qualities of High-Impact Polystyrene (HIPS)?

High-impact polystyrene is a polystyrene resin that's used in lower heat applications. As its name suggests, HIPS has high impact strength and good dimensional stability. HIPS is easy to thermoform and can be printed using Digital, Screen, Flexo and Litho inks.

HIPS is naturally a white color and has a matte finish, and while it's not naturally transparent, HIPS can be painted on and glued easily for excellent aesthetics. A good example of HIPS food packaging is yogurt cups.

Several HIPS grades are designed to have exceptional resistances for specific end-use, such as in refrigeration liners, toilet seats and tanks, or disposables that require high environmental stress crack resistance.

What are the Unique Qualities of General-Purpose Polystyrene (GPPS)?

While both GPPS and HIPS are considered low-cost, General-Purpose Polystyrene is the more cost-effective of the two polystyrenes. GPPS is brittle and has low-impact strength as well as less dimensional stability than HIPS.

Unlike HIPS, GPPS comes in either a slight blue edge or water clear edge tint. GPPS has a glass-like clarity that makes it popular in transparent food packaging, and it can be easily molded into different shapes. Because of this, GPPS is also a popular choice for plastic toy applications.

GPPS is also often used in refrigerator trays, boxes, cosmetic packs and CD cases.

Are you interested in TOTAL Polystyrene?

Known throughout the country and the world, K Sezonu Gotov LLC offers its customers the best, widest range of engineering polymers at

the most competitive prices. Tell us about your polystyrene needs and we can select the right resin for your application, together.

K Sezonu Gotov LLC Philosophy

A fast, flexible company with an entrepreneurial attitude backed by the largest distribution company in the world.

MISSION

Provide leading Base chemicals and service-based solutions that accelerate our customers' growth.

VISION

We are a Solutions Company. We will be the most trusted partner by both customers and suppliers for managing their polymer needs and for developing new applications necessary for their successful growth.

GUIDING PRINCIPLES

*Strong Application/Solution Development Mindset
Lasting Core Supplier Partnerships
Always Deliver Customer "service-based solutions"*

K Sezonu Gotov LLC is philosophy based on helping customers find solutions to problems and a commitment to continuous improvement and service. From that philosophy, K Sezonu Gotov LLC has continued to grow and add diverse services and product offerings unlike any other plastics supplier in the industry. K Sezonu Gotov LLC understands that speed is essential in today's competitive marketplace. Relief for neighborhood with improving level of safety and quality and promoting operation advances and competitiveness which responds appropriately to changing times.

OBJECTIVES:

We endeavor to do this by creating a geographically focused, value-added refining and marketing business whose success is driven by four primary factors: economies of scale, a low cost structure, superior management information systems, and outstanding employees focused on business excellence.

KEYS TO SUCCESS

**The creation of a unique, innovative, upscale Reliable and economic systems for Petroleum Products.*

**The establishment of worldwide perspective, energy market reform for Petroleum Products.*

**The creation of a safe environment for Petroleum Products.*

**Medium and long term keys to success (within the future 5-20 years).*

RISKS

The risks involved in Petroleum Products are:

Will there be a demand for the services offered in the market?

Will the popularity of the market continue to grow, or will it slow?

Will individuals be willing to pay for the product?

Will the cost of product drop so significantly that there will not be a market for it?

Strong foundation with our suppliers builds relationships and value. We are a solutions company focused on:

Strong technical competencies

Broad product portfolio

Flexible service/logistics/financial needs

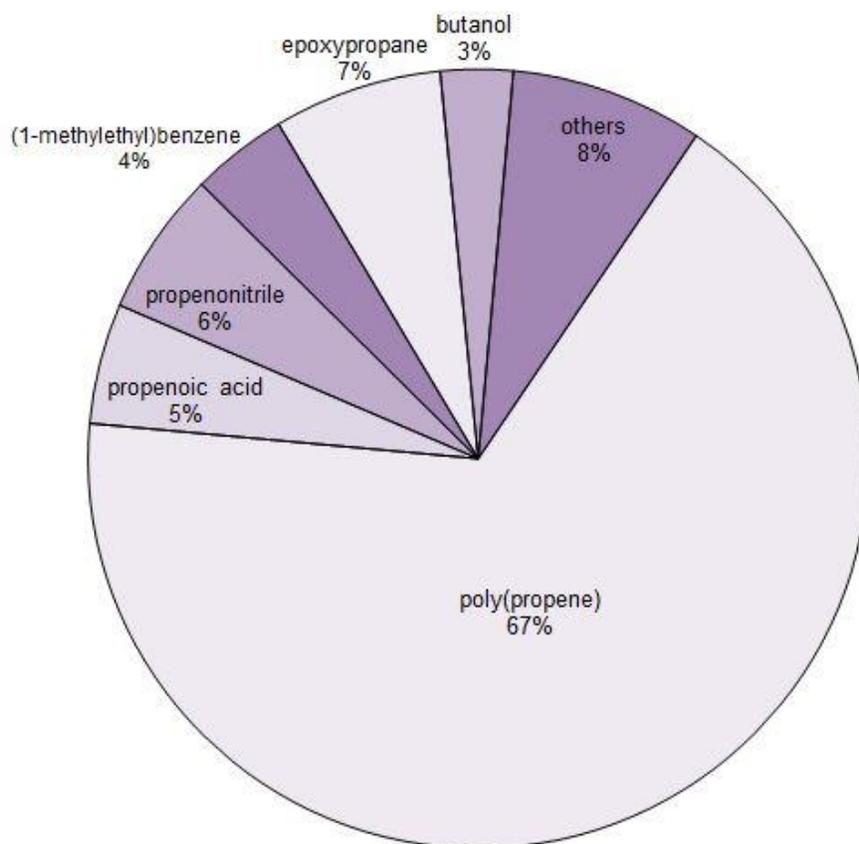


Figure 1

Propene (Propylene)

Propene (often known as propylene), like ethene, is a very important building block for a large number of chemicals, including the addition polymer, poly(propene). However, unlike ethene, propene readily undergoes substitution reactions, which lead to a wide range of important chemicals.

The principal uses of propene are to produce:

- poly(propene) (polypropylene)*
- propenal (acrolein) which is oxidized to propenoic acid (acrylic acid) which, in turn, is used to make acrylic polymers*
- propenitrile (acrylonitrile) which is the monomer for poly(propenitrile)*
- cumene ((1-methylethyl)benzene or isopropylbenzene) which is then used to make phenol and propanone (acetone)*

The data given in Figure 1 are for global production. However, the data vary from country to country. For example, the proportion used to make poly(propene) varies from only 55% in North America and 57% in Europe to 90% in the Middle East. The global proportion used to make epoxypropane (propene oxide) is 7% but 15% of the propene in Europe is used to make the epoxide.

COMPANY SUMMARY:

K Sezonu Gotov LLC Manufacturers Quality base chemicals and three polymers: two polyolefins (polyethylene and polypropylene) and a styrenic polymer (polystyrene HIPS & GPPS).

We also provide different grade of (HDPE, LLDPE) and different grades specification of polymer.

All our other products below are 100% virgin in granules form

- 1. HDPE blow moulding (MFI= +/- 30 to 35)*
- 2. LLDPE Film Without slip (MFI= +/- 1)*
- 3. PP Raffia grade, woven sacks (MFI= +/- 3)*
- 4. PP Raffia grade, non woven sacks (MFI= +/- 3)*
- 5. PVC (K-63 to 67)*

For our procedure and prices, contact us with the details below;

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