



elmkimya.com



ELM Kimya is an international company specialized in trading polymers, petroleum products and other commodities. Our headquarters is located in Türkiye.

Within the framework of the solid cooperation established with the leading raw material producers of the petrochemical industry, we offer our customers wide range of high quality products with competitive price performance. ELM Kimya carries out the procurement and delivery process of the products in the most effective way in line with the demands of its customers. With a dynamic and innovative vision, we closely follow both the regional and global markets, and in this context, we renew our product portfolio every day.

ELM Kimya directs its activities with the sensitivity it carries on environment and sustainability. We manage our commercial operations with the value we place to people and society. With this understanding, we have been recycling plastic raw materials since 2018 and contributing to the circular economy as well as to the global economy. More than 25.000 tons of plastic waste is recycled every year by ELM Kimya.

ELM Kimya is a member of Bursa Chamber of Commerce and Industry (BCCI), Istanbul Chemicals and Chemical Products Exporters Association (IKMIB), Swiss Plastics Platform and the Plastics Innovation Competence Center, PAGEV (Turkish Plastics Industry Foundation).

Gasoline

With our strategically located facilities for storage, we deliver world-class service at optimal performance measures. We understand that quality gasoline is essential for our customers that's why we only source our gasoline from the most reputable refineries in the world to ensure our products meet the highest standards of quality and safety.



Aviation Fuel

ELM Kimya is providing Jet A1 Fuel with world-class service with worldwide coverage. Operators are ensured of ground support and we offer refueling packages tailored to their specific needs with flexible credit facilities and affordable pricing structures. As ELM Kimya, we fulfill the jet fuel requirements of our customers in the safest and most appropriate manner.



Diesel

Diesel types in our product range include products for industrial use as well as light and heavy vehicles. As the industry leader in petrochemicals and petroleum products, we aim to provide environmentally friendly and efficient products by prioritizing customer satisfaction. Our products have world-class quality and are manufactured in accordance with all technical requirements. In the diesel variants we offer, we attach importance to energy efficiency and reduction of emissions. In addition, we strive to provide the highest level of service in procurement and logistics. We deliver our diesel products to our customers quickly and safely thanks to a wide distribution network.



PE POLYETHYLENE

HDPE - MDPE - LDPE - LLDPE - mLLDPE

Polyethylene (PE) is the most commonly produced plastic. It is a polymer primarily used for packaging (plastic bags, plastic films, geomembranes and containers including bottles, etc.). Over 100 million tonnes of polyethylene resins are being produced annually, accounting for 34% of the total plastics market.

PVC POLYVINYL CHLORIDE

E-PVC - S-PVC (K58, K67, K70)

Polyvinyl chloride (PVC) is produced by polymerization of the vinyl chloride monomer. Polyvinyl chloride is the world's third-most widely produced synthetic polymer of plastic (after polyethylene and polypropylene). About 40 million tons of PVC are produced each year. PVC comes in two basic forms: rigid and flexible. The rigid form of PVC is used in construction for pipe and in profile applications such as doors and windows. It is also used in making plastic bottles, non-food packaging, food-covering sheets and plastic cards. It can be made softer and more flexible by the addition of plasticizers, the most widely used being phthalates.

PA POLYAMIDE

PA 6 - PA 66

Polyamide (PA) is a semi-crystalline polymer. There are two types of PA: those made of one basic material (e.g. PA 6) and those made of two basic materials (e.g. PA 66). They can occur both naturally (e.g. wool and silk) and synthetically (e.g. nylon). Polyamides have excellent mechanical properties and can be either hard and tough or soft and flexible. They absorb moisture and have excellent slide and wear characteristics. Polyamides are commonly used in the textile and automotive industry.

PP POLYPROPYLENE

PPH - PPC - PPRC

Polypropylene (PP) 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. Its properties are similar to polyethylene, but it is slightly harder and more heat-resistant. It is a white, mechanically rugged material and has a high chemical resistance.

PS POLYSTYRENE

GPSS - HIPS - EPS

Polystyrene (PS) is a synthetic polymer made from monomers of the aromatic hydrocarbon styrene. Polystyrene can be solid or foamed. General-purpose polystyrene is clear, hard, and brittle. It is an inexpensive resin per unit weight. It is a poor barrier to oxygen and water vapour and has a relatively low melting point. Polystyrene is one of the most widely used plastics, the scale of its production being several million tonnes per year. Polystyrene can be naturally transparent, but can be colored with colorants. Uses include protective packaging, containers, lids, bottles, trays, tumblers, disposable cutlery, in the making of models, and as an alternative material for phonograph records.

ABS ACRYLONITRILE BUTADIENE STYRENE

EKSTRÜZYON, ENJEKSİYON

Acrylonitrile Butadiene Styrene (ABS) is a common thermoplastic polymer. ABS is a terpolymer made by polymerizing styrene and acrylonitrile in the presence of polybutadiene. The acrylonitrile also contributes chemical resistance, fatigue resistance, hardness, and rigidity, while increasing the heat deflection temperature. The styrene gives the plastic a shiny, impervious surface, as well as hardness, rigidity, and improved processing ease. The polybutadiene, a rubbery substance, provides toughness and ductility at low temperatures, at the cost of heat resistance and rigidity.

UREA Urea 46 N

Urea contains the most nitrogen among nitrogenous fertilizers, with 46% nitrogen in its content. It dissolves easily in water, is white in color and has round grains.

After urea fertilizer is applied to the soil, the organic nitrogen in it undergoes chemical changes in the soil and becomes available to plants in a short time. Urea can be applied successfully to all plants. While it can be used in autumn fertilization, it can also be used during certain growth periods of plants, in spring or later.

When a large amount of urea needs to be administered, it should be divided into several portions rather than all at once. After urea is applied to the soil, it should be mixed into the soil immediately. Otherwise, nitrogen loss may occur from the fertilizer remaining on the soil surface.

AN Ammonium Nitrate 33 N

Ammonium Nitrate fertilizer is a type of fertilizer that contains a total of 33% nitrogen, including 16.5% ammonium and 16.5% nitrate nitrogen. Because of this feature and the fact that it is a fertilizer that dissolves quickly in the soil, it acts quickly and its effect lasts longer than other nitrogenous fertilizers.

No pH change is observed in the soil after Ammonium Nitrate application. It is a neutral type of fertilizer due to its structure and can be used easily in all types of soil. It is not recommended for use in areas with high rainfall since the nitrate nitrogen it contains is easily washed away. In such areas, Ammonium Nitrate should be used in 2-3 applications, not all at once. Such a practice also affects both efficiency and quality.

Since Ammonium Nitrate fertilizer dissolves quickly and without residue in water, it can be used in drip irrigation systems without any problems.

AS Ammonium Sulphate 21 N

It is a source of nitrogen in the form of ammonium with high sulfur content. Unlike other nitrogenous fertilizers, it contains sulfur, one of the important plant nutrients, in addition to nitrogen.

It is a valuable nutrient source for soils where deficiencies in nitrogen and sulfur elements are detected together. Since the fertilizer itself is acidic, it can be used safely in neutral and alkaline, that is, calcareous soils. If ammonium sulfate, which contains 21% nitrogen, is used excessively and for a long time in acidic soils, it causes the soil to become more acidic and makes the soil infertile.

It is also known as "sugar fertilizer" among farmers because its crystal structure resembles sugar. The sulfur in sulfate form it contains is able to completely meet the needs of plants.

SA Sulphuric Acid

Sulfuric acid is a colorless and oily liquid with the chemical formula H_2SO_4 . It is one of the most used products in the chemical industry. Sulfuric acid, which is not found pure in nature, is produced industrially by contact method or through lead chambers. Here, sulfur dioxide is oxidized with oxygen using different catalysts and converted into sulfur trioxide, and sulfur dioxide is reacted with water to obtain sulfuric acid.

This acid, which is used in many areas in industry, is especially used in fertilizer production, ammonium sulfate production, paint industry and petrochemical industry. In addition, it is possible to see that sulfuric acid is used in the production of various batteries. It appears as a substance that conducts electricity and produces very high heat when dissolved in water. In addition, it is possible to see that sulfuric acid is used in the production of various batteries. It appears as a substance that conducts electricity and produces very high heat when dissolved in water.



Plastic Recycling & Compound

Recycling & Compound

r-Low Density Polyethylene (r-LDPE)

rLDPE NATURAL-1



rLDPE NATURAL-2



rLDPE BLACK



rLDPE GREEN



rLDPE RB-05

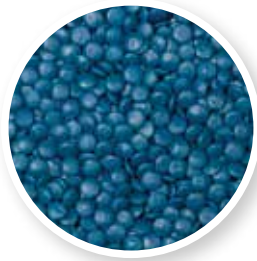


r-High Density Polyethylene (r-HDPE)

rHDPE 100



rHDPE 90



rHDPE 80



r-Polypropylene (r-PP)

rPP-1



rPP-5



rPP-10



rPP-15



rPP-20





With our tank storage located in Turkey and our vessel chartering services, we offer our clients logistics and transportation for large quantities of petroleum products supply all around the world. Currently, we have a capacity of 50.000 tons of storage for petrol products in Turkey and with our strategically located facilities, we provide the most feasible solutions for our clients for their logistics needs.

An economic customs arrangement called "bonded warehousing" governs the storage of imported products from different countries whose final destination may not yet be determined. A bonded warehouse serves as a secure storage space where no import taxes are due as long as the items are stored. This kind of storage has no time restriction. Without customs bonded warehousing license, we can store the products of our customers that are subject to customs control without paying duties.

We give bonded-warehouse service storage for more than 30.000 metric tons of polymer materials per month in various cities in Turkey and free zones in Europe. Please do not hesitate to contact our sales team for our storage services.

At ELM Kimya, we fully embrace the responsibility of creating a sustainable future. Our goal to leave a greener and more livable world for future generations is grounded in the principles of preserving and conscientiously using natural resources. Our sustainability policy is directed towards the following fundamental areas:

Efficient Use of Natural Resources and Waste Management: We develop innovative solutions to ensure efficient use of resources, minimize our environmental impact by implementing water-saving measures and waste reduction principles. In every step, we aim to preserve the natural balance.

Low Carbon and Energy: We focus on increasing energy efficiency and reducing our carbon footprint through investments in renewable energy sources. By taking proactive measures against global warming and climate change, we contribute to the protection of environmental balance.

Natural, Eco-Friendly Products and Services: In developing our products and services, we carefully prioritize the use of eco-friendly materials and sustainable production methods. We encourage recycling and facilitate the reprocessing of waste.

Human Rights and Employee Rights: We respect human rights in our business processes and protect the rights of our employees and stakeholders. We clearly express our stance against all forms of violence and raise awareness on this issue.

Occupational Health and Safety: We continuously improve our preventive health and safety systems to maintain the highest level of health and safety for our employees. By reducing risks, we ensure a safe working environment.

Customer Health and Safety Throughout the Product and Service Lifecycle: From design to usage, we focus on the health and safety of customers in all processes of our products. We consistently raise our standards in quality and safety.

Employment: We do not tolerate discrimination among our employees, creating a workplace based on equality and justice. We embrace transparency and equality in remuneration and performance evaluations.

These policies will enable us to achieve our sustainable growth objectives and add value to society. As Albert Einstein rightly said, 'The world is not a place that we inherit from our ancestors, but one we borrow from our children.' With this consciousness, we carry the responsibility of leaving a better world for future generations.

ELM Kimya A.Ş.

Headquarters

İhsaniye Mh. Leylak Sk. Plaza 224 B Blok No:5B/41
16130 Nilüfer/Bursa, Türkiye

Telephone

+90 224 384 11 94

Email

info@elmkimya.com

elmkimya.com

