

At a Glance

92

Ability of Production
92 different grades

HD

Largest Exporter of HDPE in Iran

5

Experience
Active presence in markets in 5 continents

BD

Largest Producer of Butadiene in the Middle East

30

354,000 Tons of annual exports to 30 countries at 2018

Global Distinguished

About

JAM Petrochemical Company (Public Stock) has been founded in order to achieve country's macro plans in petrochemical industry for the purpose of operation of south pars gas field with the registered No 32285, in 2000. This large industrial complex, with the total area of 77 hectares is located in Asaluyeh special economic zone, in the Boushehr province.

JAM Petrochemical Company (JPC) after almost a decade of operation and including of Olefin, HDPE, LLDPE, Butadiene and Butene-1 production units, still is one of the largest Olefin producers all over the world, and also polymer based products in Iran.

JPC is the most prominent complex in south Pars special economic zone by production and supply various grades of petrochemical products in domestic and global market and move forward on development and promotion is one of the important complexes of petrochemical industry in economic arena.

New Products Development



Delivering a commercially successful product to market begins with identification of the needs of the target market and focusing on fulfilling those needs through production.

Relying on the principle of competitiveness at the national and international level and supplying the needs of the market and the customers, Jam Petrochemical Company has paid special attention to variety of its products and their upgrade and development.

The research and technology unit of this company has identified intended products according to the existing needs and is implementing required scientific and technical investigations in order to produce these materials. It also designs and produces its intended products through interaction with labs, universities, research centers and industrial and operational units and also through attending exhibitions and taking part in domestic and international seminars. This company also performs consistent activities and projects concerning technology development and improvement of the properties and performance of the products.

Production Units and Products

OLEFIN

Olefin Unit Under the license of Technip, with its annual capacity of producing 1,320,000 tons of ethylene and 306,000 tons of propylene as well as a total annual capacity of 2,359,000 tons of products, JPC Petrochemical Company's olefin unit is considered as one of the largest olefin units both globally and nationwide. Olefin unit has been constructed with the help of modern technologies and its capacities have been determined by taking into consideration the global scale.

1. Compared to other similar units, unique characteristics of JPC Petrochemical olefin unit include its high production capacity and possibility of utilizing (flexible) dual purpose furnaces which allow this unit to make use of both liquid and gas feed.

2. Feed diversity, capacity to produce a wide range of products, and relationship with other important units, in the South Pars Zone, of gas and petrochemistry can be regarded as other strategic features of JPC's olefin unit. Ethylene, propylene, Hydrogen, dry pyrolysis gasoline, furnace fuel oil (CFO) and C4 compounds.

BUTADIENE

Having been constructed under BASF license of Germany and assisted by LURGI's basic engineering and Namvaran's detail engineering, Butadiene Unit of JAM Petrochemical Company with its annual production capacity of 115,000 tons serves as a brilliant unit nationwide in terms of production, purity grade and product quality. This unit operates as one of JPC's invaluable production units.

BUTENE-1

JPC BUTENE-1 UNIT under AXENS license possessing and assisted by Nargan Co. an annual production capacity of 100,000 tons is honored to serve as the largest Butene production unit nationwide. Besides satisfying the needs of its downstream units in JPC Complex, this unit is also capable of supplying the needs of other polyolefin companies in the country. A major portion of the products generated by this unit is considered to be exported to foreign consumer countries.

LLDPE

Low Density Polyethylene Unit Under the license of BASF, JAM Petrochemical Company's LLDPE Unit has been designed and established with TECNIMONT's basic engineering and SPHERILENE technology. Able to produce 300,000 tons of products per year, JPC (LLDPE) Unit is one of the greatest polymer production units in Iran which enjoys the capacity of producing both high density and linear low density polyethylene and the unit can produce more than 54 different grades for such varying applications as the following:

FILM- INJECTION MOLDING- STRETCHED TAPE- MONOFILAMENT
ROTOMOLDING- YARN- CAPS & CLOSURES

The products made by this unit can be utilized in various industries such as packaging industries, home appliances manufacture industries, textile industry, agricultural industry, and automobile manufacture industries.

HDPE

High Density Polyethylene Unit Having been established under the license of LYONDELL BASELL Co. and assisted by KRUPP UHDE's basic engineering, JPC HDPE Unit producing 300,000 tons of products a year is one of the largest polymer units in Iran.

In addition to its capability of producing 26 main grades, this unit produces black, orange, yellow, blue and normal grades. These capabilities of JPC HDPE Unit are unique nationwide and rare in the world.

JPC HDPE Unit is the first producer of (pipe) CRP 100 black in Iran. The grades produced by JPC HDPE Unit can be classified as follows:

BLOW MOLDING- PIPE PE100/PE80 (NATURAL/COLOR)
FILM- INJECTION MOLDING - STRETCHED TAPE- MONOFILAMENT

In comparison with other units, some unique features of JPC HDPE Unit are:

1. Highly diverse range of products owing to the diverse grades produced;
2. A high production capacity
3. Capability of producing colored grades and possessing two extruder and packaging lines.

Polypropylene

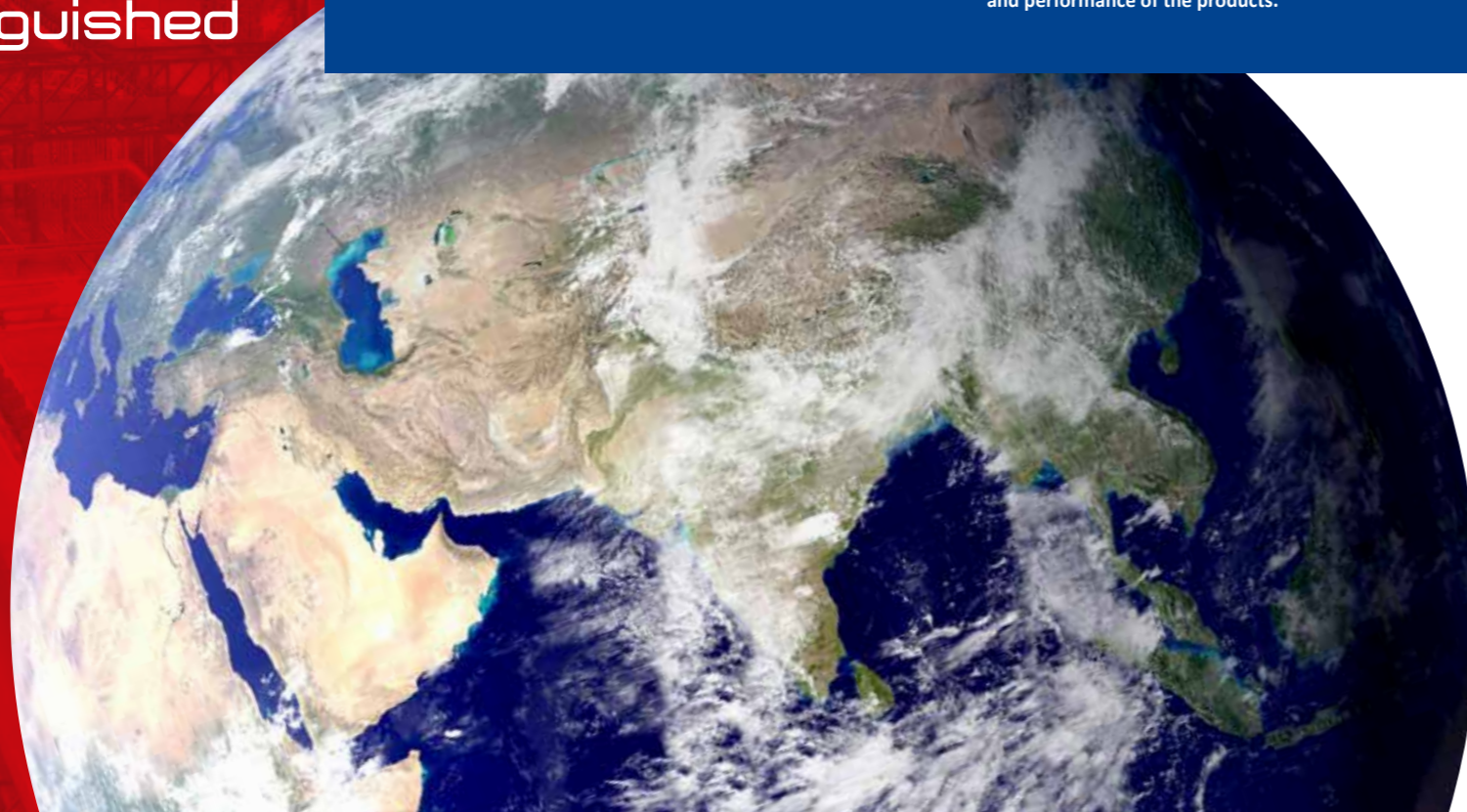
JAM Polypropylene Co. (JPPC) was established in 2004 in Asaluyeh special economic zone. Thus, Jam Polypropylene Co. is in a unique position to contribute to the global petrochemical downstream markets while respecting all quality standards. To achieve this goal, Jam Polypropylene Co. enjoys some significant logistic advantages including availability of low-cost, gas-based feedstock, prominent production capacity, strategic location and proximity to port Asaluyeh that expedites the export operation and timely delivery of products. JPPC has acquired the unique state-of-the-art Spheripol technology from LyondellBasell, as the world leading technology for the production of a very wide range of polypropylene (PP) grades.

Rubber

The Rubber production plant of PadJam Petrochemical Complex is the first and only manufacturer of three products SBS, SB and LCBR in 7 popular grades based on market demand in Iran. The factory is designed and manufactured in accordance with the batch process solution polymerization to produce a wide range of grades, and is expected to be on operation by the beginning of the 2020. The License of the plant as a state-of-the-art and technical know-how is granted by one of the European best reputed companies, Versalis-Eni S.p.A (formerly Polimeri-Europa) and the basic engineering of the project is done by Tecnimont Company.

ABS

The ABS production plant of PadJam Petrochemical Complex is the first and only manufacturer of ABS products with Continuous Mass technology in 9 popular grades based on market demand in Iran. The plant is expected to be on operation in the middle of the 2019. The License of the plant as a state-of-the-art and technical know-how is granted by one of the European best reputed companies, Versalis-Eni S.p.A (formerly Polimeri-Europa) and the basic engineering of the project is done by Tecnimont Company.





LLDPE - HDPE



Polypropylene



ABS-Rubber

PE Plant (Swing Plant) Products list

Table with 4 columns: Grade Name, Application, MFI, Density. Sub-sections include ROTOMOULDING, C4 COPOLYMER FILM, HP-VLDPE, and HP-LLDPE.

PE Plant (Swing Plant) Products list

Table with 4 columns: Grade Name, Application, MFI, Density. Sub-sections include HDPE INJECTION MOULDING, HDPE COPOLYMER INJECTION MOULDING, and HDPE (MMWD).

Polypropylene Products list

Table with 4 columns: Grade Name, Application, MFR, Density. Sub-sections include Homopolymers and Random Copolymer.

Polypropylene Products list

Table with 4 columns: Grade Name, Application, MFR, Density. Sub-sections include Random Copolymer and Impact Copolymer.

Available Product

Innovations in the products of JPC are shown with the symbol.

ABS-Rubber Products list

Licensed by Versalis-ENI

Table with 3 columns: Grade Name, MFR, Density. Sub-sections include ABS GRADE, RUBBER GRADE, and LLDPE EXTRUSION MOULDING.

Table with 4 columns: Grade Name, Application, MFI, Density. Sub-sections include HP-LLDPE, HP-HEXENE, and LLDPE EXTRUSION MOULDING.

Table with 4 columns: Grade Name, Application, MFI, Density. Sub-section: Miscellaneous.

HDPE Plant Products list

Table with 5 columns: Grade Name, Application, Comment, MFI, Density. Sub-sections include PIPE GRADE, FILM GRADE, and BLOW MOULDING GRADE.

Table with 4 columns: Grade Name, Application, MFR, Density. Sub-sections include Impact Copolymer and Terpolymer.

Table with 4 columns: Grade Name, Application, MFR, Density. Sub-sections include Impact Copolymer and Terpolymer.

Contact Us

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