





### Development of the petrochemical industry in Iran

The establishment of the petrochemical industry in Iran dates back to the 1950s. In the late 1950s, under the order of the then Ministry of Economy, the National Chemical Company was established, and the construction of the Marvdasht Chemical Fertilizer Factory in Fars Province, the first unit of Iran's petrochemical industry, began in 1958. This factory, which expanded and developed over the years, became known as Shiraz Petrochemical and remained the first petrochemical production unit in the history of this industry in Iran.

However, as the growth of this industry required more extensive specialized activities coordinated with the oil and gas industry, the need for an organization to develop and guide the petrochemical industry soon became apparent. Thus, in 1963, the National Petrochemical Company was established with government ownership and under the umbrella of the National Iranian Oil Company, and all activities related to the creation and development of petrochemical industries were concentrated in this company. Between 1965 and 1977, the petrochemical complexes of Razi, Abadan, Pazargad Carbon Ahvaz, Kharg, Farabi, and the development projects of Shiraz Petrochemical were inaugurated, and a significant part of Bandar Imam Petrochemical was also implemented. Although during the imposed war, the production activities of this industry reached their lowest level, from 1989 to 1999, with the implementation of the first economic, cultural, and social development plan of the country, the reconstruction of damaged complexes and projects was seriously pursued, and the exploitation of new projects, including Isfahan, Shazand, and Tabriz Petrochemical complexes, began.

The implementation of multiple projects during the country's development plans has led to a significant increase in the production of petrochemical products, with the production capacity increasing from 3 million tons in 1979 to 96.3 million tons by the end of 2023. As a result, this industry has played a crucial role in achieving the top position in non-oil exports, fostering economic growth, sustainable development, technology localization, downstream industry development, and job creation. Among the main advantages of this industry in Iran are the diversity of feedstock, access to open waters, and skilled human resources.

Currently, more than 109 projects are underway within the framework of the seventh and eighth development plans of the petrochemical industry, and it is predicted that with their completion and commissioning, the industry's capacity will reach 188 million tons by the end of 2033.

- A wide range of products (complete production chain of petrochemical products, including basic, intermediate, and final products).
- Sustainable supply of petrochemical products at competitive prices,
- thanks to extensive hydrocarbon reserves.
- Flexibility in contract volume and ter ms.
- Diverse delivery methods for goods.
- Iran's strategic geographical position (access to free and international waters).
- Developed infrastructure (airports, railways, ports, docks, etc.) in petrochemical hubs.
- Cost-effective transportation of products across Africa.
- Possibility of educational, technical, and consulting cooperation due to Iran's strong industrial expertise in petrochemicals.
- Payment options using national currencies or barter with essential commodities



## Advantages of **Purchasing**

## Petrochemical

**Products from Iran** 

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## **Export Volume of Iranian**

## Petrochemical

### Industry

Complexes to the whole World (2024)



### Export Value of Iranian Petrochemical Industry Complexes to the whole World (2024)



Imports of petrochemical products to South Africa (2024) VERSUS Iran's export capacity



\*The stated figure reflects the export capacity of polypropylene plants expected to become operational by the end of Iran's Seventh Development Plan (2023-2027)





License used in Urea production units









### Urea production complexes in Iran

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Pardis Petrochemical Company	3225	Stami Car- bon,H.F.T	2009	www.paupc.ir
2	Khorasan Petrochemical Company	495	Stami Car- bon,H.F.T	1996	www.khpc.ir
3	Kermanshah Petrochemical Company	660	Stami Car- bon,H.F.T	2007	www.kipc.ir
4	Masjed Soleiman Petrochemical Company	1075	ΤΟΥΟ	2021	www.misipcc.com
5	Shiraz Petrochemical Company	1657.5	Stami Car- bon,H.F.T	1990	www.spc.co.ir
6	Razi Petrochemical Company	594	Stami Car- bon,H.F.T	1990	www.razip.com
7	Lordegan Urea Fertilizer Company	1075	Stami Car- bon,H.F.T	2021	www.lufc.ir

### Urea Projects under construction

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Hengam Petrochemical Company	1075	Holder Topsoe	2025	www.hengampc.net
2	Kermanshah Petrochemical Company (phase 2)	660	Collage/Stami Carbon,H.F.T	2026	www.kpic.ir
3	Zanjan Agricultural and Fertilizer Industries	1073	Stami Carbon / Casale	2027	www.kipc.ir

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License used in Ammonia production units







# Packaging



Bulk marine transport via LPG/NH<sub>3</sub> carriers with pressurized/insulated tanks. Delivered FOB or CFR.

### Ammonia production complexes in Iran

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Pardis Petrochemical Company First phase / Second phase / Third phase	680	MW.Kellogg	2009/2009/2017	www.paupc.ir
2	Khorasan Petrochemical Company	330	MW.Kellogg	1996	www.khpc.ir
3	Kermanshah Petrochemical Company	396	MW.Kellogg	2007	www.kipc.ir
4	Masjed Soleiman Petrochemical Company	680	Ammonia Casale	2020	www.misipcc.com
5	Shiraz Petrochemical Company First phase / Second phase	396	ICI / Ammonia Casale	1996	www.spc.co.ir
6	Razi Petrochemical Company First phase / Second phase / Third phase	330	Ammonia Casale /MW.Kellogg	1970/1977/2007	www.razip.com
7	Lordegan Urea Fertilizer Company	1075	Stami Carbon,H.F.T	2020	www.lufc.ir
8	Hengam Petrochemical Company	1075	Stami Carbon,H.F.T	2023	www.hengampc.net

### Ammonia Projects under construction

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Kermanshah Petrochemical Plant (Phase 2) Urea and ammonia	396	Collage/Stami Carbon,H.F.T	1405	-
2	Kermanshah Petrochemical Company (phase 2)	300	-	1406	-
3	Zanjan Agricultural and Fertilizer Industries	677	Stami Carbon / Casale	1406	-





License used in HDPE production units







### HDPE production complexes in Iran

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Bandar Imam Petrochemical Company	150	MITSUI	1994	www.bipc.ir
2	Amirkabir Petrochemical Company	140	BASELL	2002	www.akpc.ir
3	Maroon Petrochemical Company	300	Uhde	2005	www.mpc.ir
4	Aria Sasol Petrochemical Company	375 (HDPE & MDPE)	BASELL	2008	www.aryasasol.com
5	Mehr Sasol Petrochemical Company	300	MITSUI	2009	www.mehrpetrochem.ir
6	JAM Petrochemical Company	300	BASELL	2007	www.jpcomplex.ir
7	Shazand Petrochemical Company (Arak)	85	Hoechst	1994	www.arpc.ir
8	Tabriz Petrochemical Company	100	BP	2006	www.tpco.ir
9	Kermanshah Polymer Company	150	BASELL	2012	www.kpic.ir
10	Ilam Petrochemical Company	300	MITSUI	2013	www. ilampetro.com
11	Lorestan Petrochemical Company	150	MITSUI	2015	www.bipc.ir
12	Miandoab Petrochemical Company	140	BASELL	2019	www.akpc.ir

### HDPE/MDPE Projects under construction

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Commission- ing date	Website
1	Olefin Bushehr Petrochemical Company	300	Petrochemical Research and Technology Company	2027	www.bupc.ir
2	Kian Petrochemical Company	500	Lindeh	2031	www.kianpc.com
3	Ethylene Rayan Polymer Pouya Company	300	-	2027	-
4	Aria Sasol Petrochemical Company	300	Lyondell Bassell	2027	www.aryasasol.com
5	Soroush Mahestan Asaluyeh Petrochemical Company	300	MITSUI & Lyondell Bassell	2025	-
6	Negin Mahestan Kangan Petrochemical Company	210	MITSUI & Lyondell Bassell	2025	-
7	Kangan Petrochemical Development Company (Kangan Polyethylene-HDPE)	300	Mitsoui	2026	-
8	Tabriz Petrochemical Company	300W	Petrochemical Research and Technology Company	2026	www.tpco.ir
9	Dehdasht Petrochemical Company	300	Lyondell Bassell	2029	www.pgpic.ir
10	Holaylan Petrochemical Company	200	AIOTEC Gmbh	2027	www.holaylanpetro. com

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Commissioning date	Website
11	Gachsaran Petrochemical Company	300	-	2027	www.gpetroc.ir
12	Soroush Energy Paydar	250	-	2028	-
13	kimia sanat mabnaTRAIN1-GTPO	225	-	2028	-
14	kimia sanat mabna TRAIN2-GTPO	225	-	2028	-



Application and Distribution of LDPE and LLDPE consumption in various industries in Africa

Application and Distribution of LDPE and LLDPE consumption in various industries in the world



### License used in LDPE/LLDPE production units



Import Volume

(KTon)

49

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Import value

(M\$)

55







### LDPE/LLDPE production complexes in Iran

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Bandar Imam Petrochemical Company (2 Phase)	50*2	TOSOHCORP	1994 1995	www.bipc.ir
2	Amirkabir Petrochemical Company	LDPE: 300 LLDPE: 260	Bassel BP	2010 2005	www.akpc.ir
3	Laleh Petrochemical Company	300	SABTEC	2007	www.laleh-pc.ir
4	Aria Sasol Petrochemical Company	375	SABTEC	2008	www.aryasasol.com
5	Shazand Petrochemical Company (Arak)	75	BP	1994	www.arpc.ir
6	JAM Petrochemical Company	300	Bassell	2008	www.jpcomplex.ir
7	Kurdistan Petrochemical Company	300	Lyondell Bassell	2015	-
8	Mahabad Petrochemical Company	300	Bassell	2017	-
LDPE/LL	DPE Projects under construction				
No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Negin Mahestan Kangan Petrochemical Company	90	MITSUI & Lyondell Bassell	2026	-
2	Ehda Polymer Pak	36	-	2026	www.jpcomplex.ir



Application and Distribution of PS consumption in various industries in Africa

Application and Distribution of PS consumption in various industries in the world



### License used in PS production units







### PS production complexes in Iran

No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Operation Start Date	Website
1	Entekhab Petrochemical Company Expanded Polystyrene (EPS)	250	BP Investment	2016	www.entekhabgroup .ir
2	Tabriz Petrochemical Company Expanded Polystyrene (EPS) Regular Polystyrene (GPPS) Resistant Polystyrene-1 *Resistant Polystyrene-2	15 25 40 54	Sunpor ELFATOCHEM ELFATOCHEM Sulzer	1998 1998 1998 2010	www.tpco.ir
3	Laleh Petrochemical Company	65	SABTEC	2016	www.tjpa-pc.ir







