National Iranian Petrochemical Company
International Affairs

IRAN's Petrochemical Product Export Capacity to Côte d'Ivoire

N P C
International Affairs

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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.

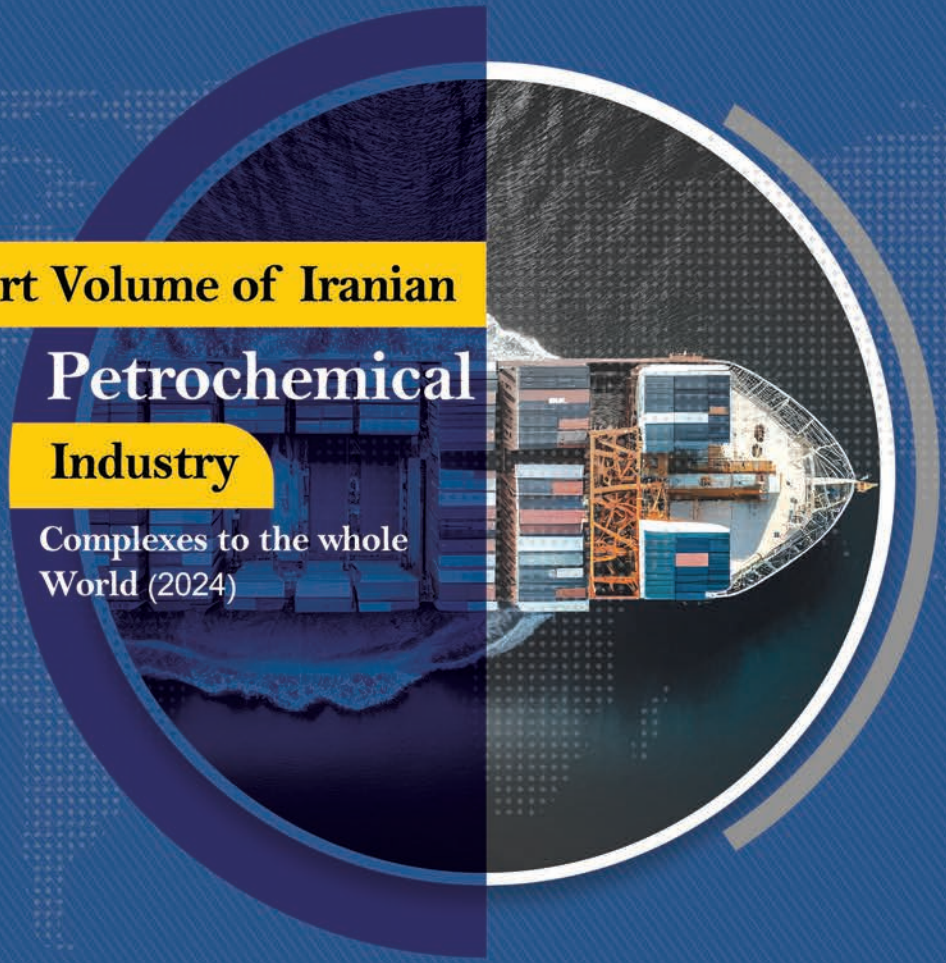
Currently, more than 109 projects are underway within the framework of the seventh and eighth development plans of the petrochemical industry, and it is predicted that with their completion and commissioning, the industry's capacity will reach 188 million tons by the end of 2033.

Advantages of Purchasing Petrochemical Products from Iran

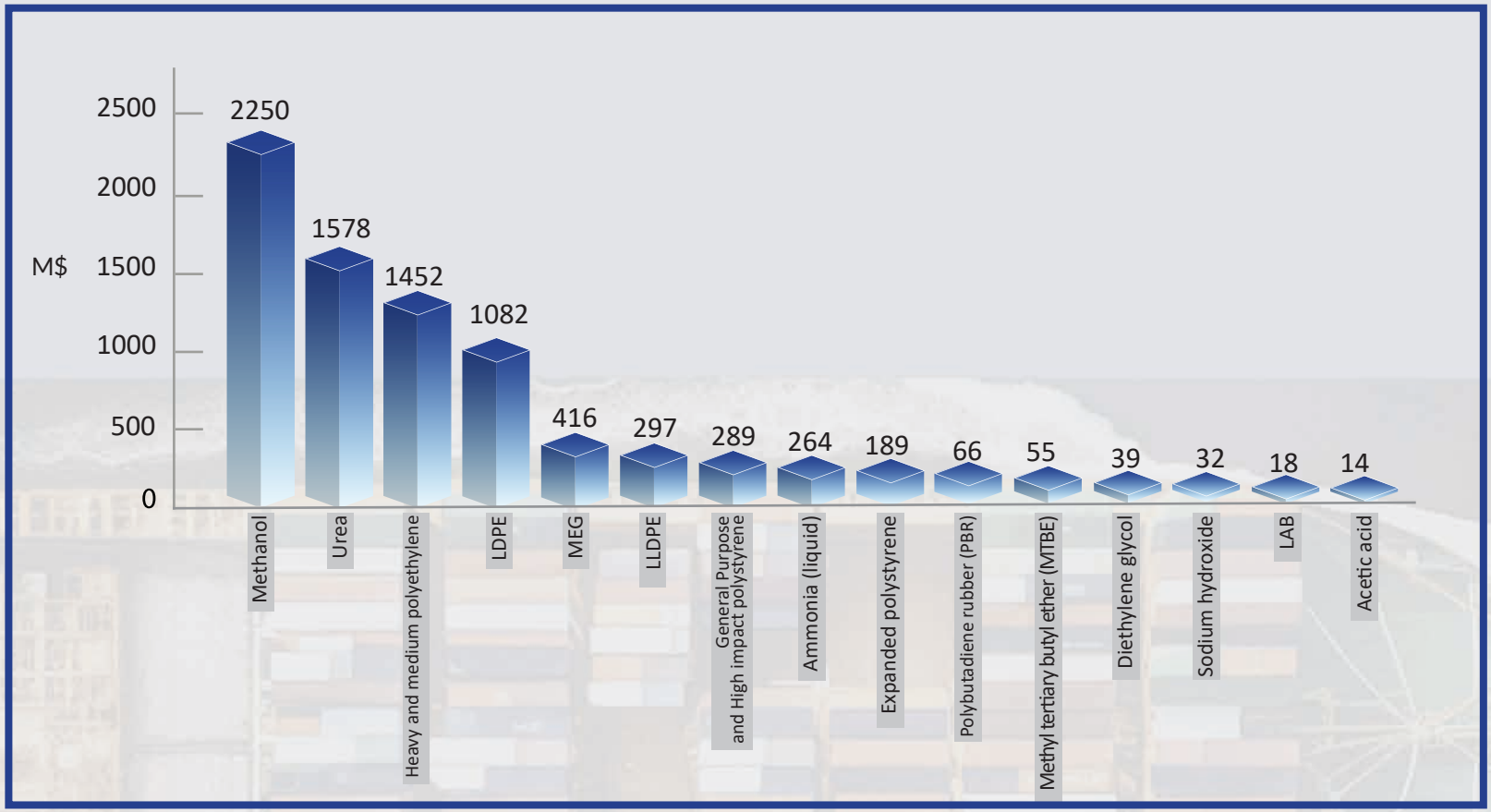
- A wide range of products (complete production chain of petrochemical products, including basic, intermediate, and final products).
- Sustainable supply of petrochemical products at competitive prices,
- thanks to extensive hydrocarbon reserves.
- Flexibility in contract volume and ter ms.
- Diverse 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

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 Côte d'Ivoire VERSUS

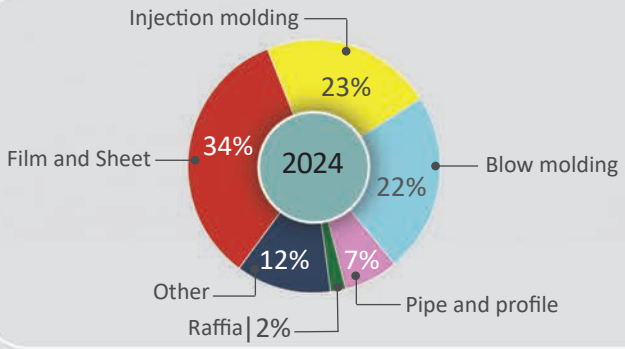
Iran's export capacity

Imports of petrochemical products to Côte d'Ivoire (2024) VERSUS Iran's export capacity

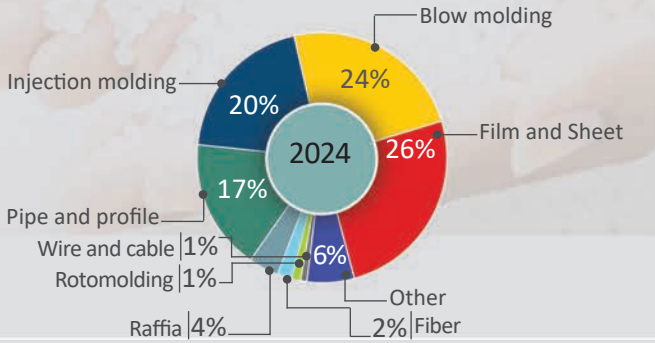
POLYMER PRODUCTS

HDPE

Application and Distribution of HDPE consumption in various industries in Africa



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



License used in HDPE production units

Hoechst, Germany
- Number of units used: 1 units
- Capacity: 85000 tons

Uhde, Germany
- Number of units used: 1 units
- Capacity: 300000 tons

Bassel, Germany
- Number of units used: 5 units
- Capacity: 1265000 tons

Mitsui, Japan
- Number of units used: 4 units
- Capacity: 890000 tons

BP, England
- Number of units used: 1 units
- Capacity: 100000 tons

Côte d`Ivoire's HDPE import volume and Value in 2024

107 Import Volume (KTon)

127 Import Value (M$)

Specifications

01 Chemical properties

Melting point:
130–135 °C

Density:
0.941–0.965 g/cm3

02 Storage conditions

Temperature:
Room temperature
(up to 60°C to prevent deformation)
Pressure:
Atmospheric pressure
Phase:
Solid
(under standard conditions)

Note: HDPE is chemically resistant and moisture stable.

03 Commercial Grades

Injection Molding Grade

Blow Molding Grade

Film Grade

Extrusion Grade

Yarn Grade

Incoterms

- EX
- FCA (in Plant)
- CFR
- FOB

Packaging

01 Jumbo Bag

02 25 kg bags with pallets

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	Lorestan Petrochemical Company	140	BASELL	2019	www.akpc.ir

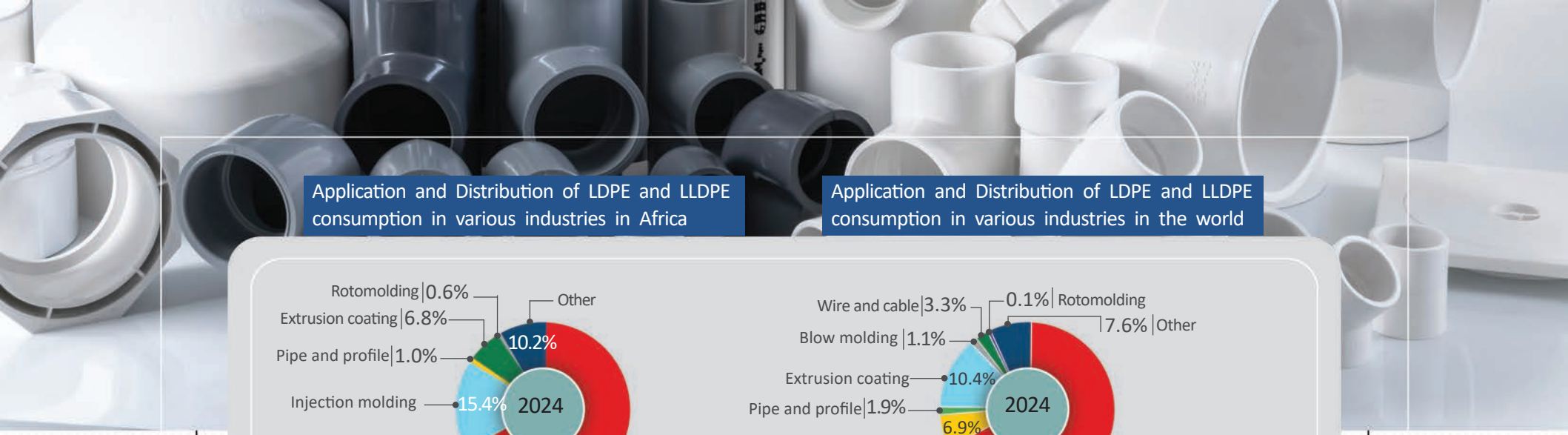
HDPE Projects under construction

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

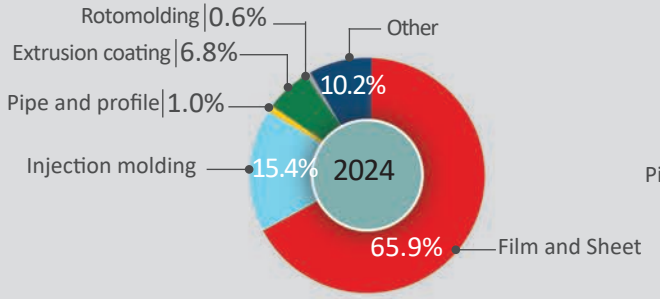
No.	Petrochemical Complex	Production Capacity (Kton/Year)	Licence	Commissioning date	Website
11	Gachsaran Petrochemical Company	300	-	2027	www.gpetroc.ir
12	Soroush Energy Paydar	250	-	2028	-
13	kimia sanat mabnaTRAIN1-GTPO	225	-	2028	-
14	kimia sanat mabna TRAIN2-GTPO	225	-	2028	-

POLYMER PRODUCTS

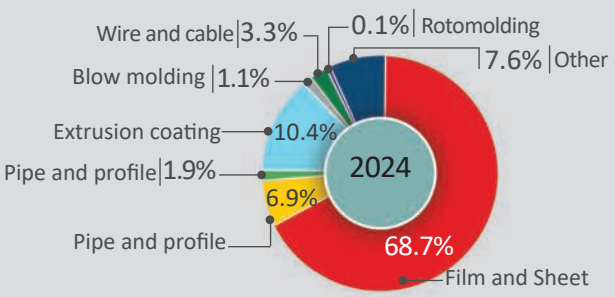
LDPE
LLDPE



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

Lyondell Bassell (Germany)
- Number of units used: 1 units
- Capacity: 300000 tons

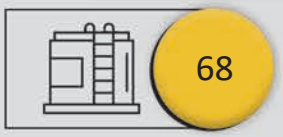
Bassel (Germany)
- Number of units used: 3 units
- Capacity: 900000 tons

Subtec (Netherland)
- Number of units used: 2 units
- Capacity: 675000 tons

Tosohcorp (Japan)
- Number of units used: 2 units
- Capacity: 100000 tons

BP, England
- Number of units used: 2 units
- Capacity: 335000 tons

Côte d`Ivoire's LDPE import volume and Value in 2024



Import Volume (KTon)

Import Value (M$)

Specifications

01 Chemical properties

Melting point:
105–115 °C

Density:
0.91–0.941 g/cm3

02 Storage conditions

Temperature:
Room temperature (up to 80°C to prevent deformation)
Pressure:
Atmospheric pressure
Phase:
Solid (under standard conditions)

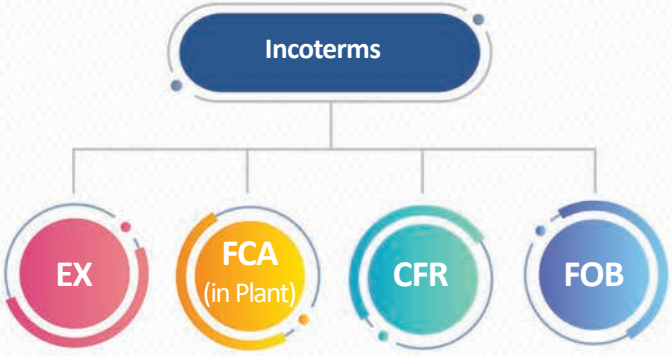
Note: LDPE is flexible and moisture resistant.

03 Commercial Grades

Injection Molding Grade

Film Grade

Extrusion Grade



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/LLDPE 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

Bushehr
Petrochemical

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