Azaran International Group

the most efficient communication bridge for proper commercial trade entrance to Oil, Gas and Petrochemical Products in Iran

AZARAN
INTERNATIONAL GROUP

Export Petrochemical Products, Oil and Gas

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ABOUT US

AZARAN INTERNATIONAL GROUP

established in 2001 with a vision to become your link to the Oil and Energy industry with the total focus on polymer products trade and simultaneously trading on Oil, Gas and Petroleum Products. We are pleased that currently we are one of the leading players for the above-mentioned sectors and products in Middle East as well as the Global Stage.

Oil
Gas
Petrochemical

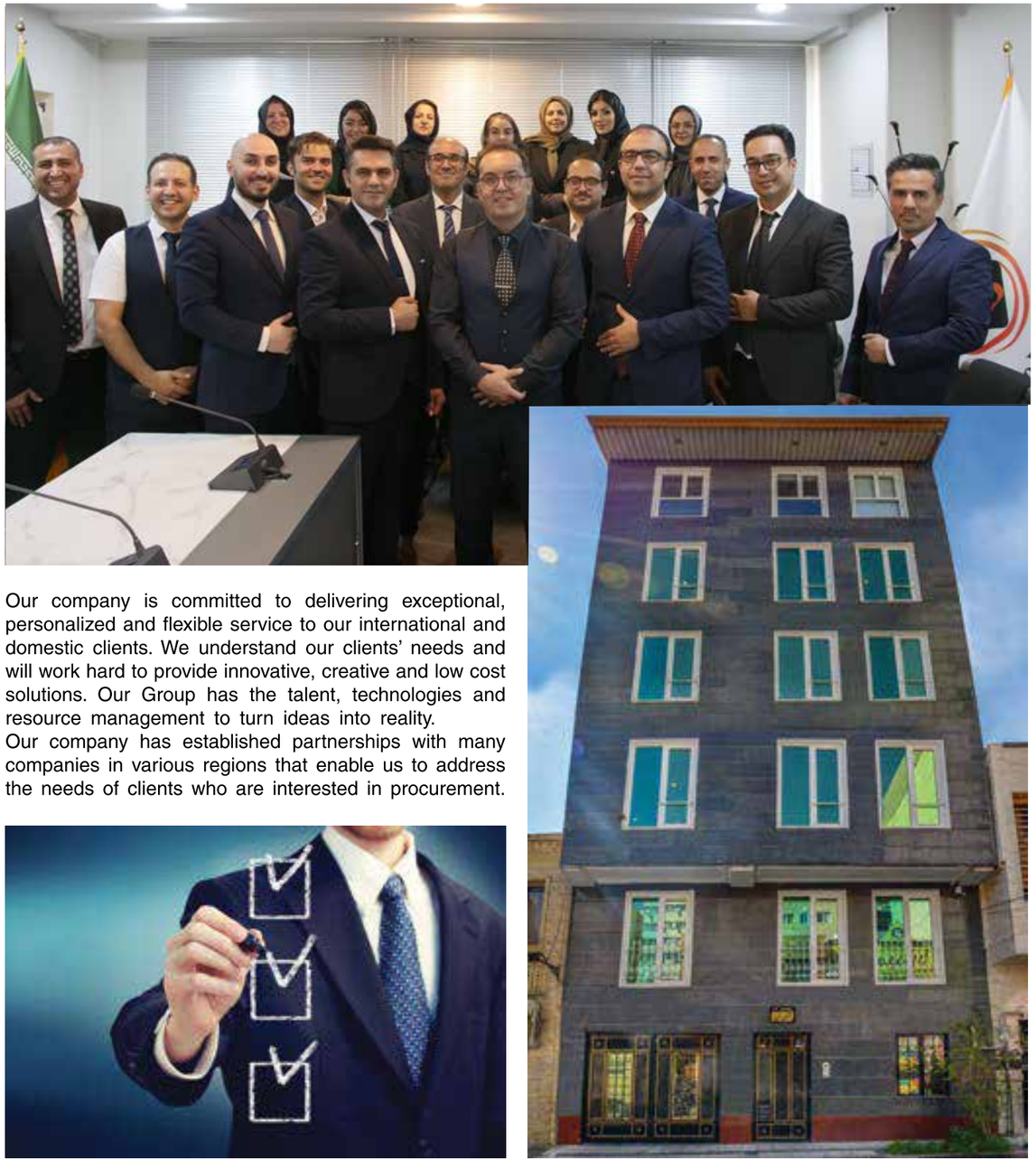
Iran with tremendous resources of Oil and Gas and geographical status is one of the biggest producers of petroleum and petrochemical products in the world.
If you are an industrialist, trader or an investor in the Oil and Energy industry and require to purchase your necessities from Iran; to start your successful and efficient trading in Iran, you need to have an Iranian specialist and partner company to provide you an accurate information about the best products and its competitive prices as well as supporting you comprehensively from the purchase to logistics and final delivery.
Our company with the many years of experience and professional team can make your trading venture simpler and accessible for you to enjoy your confidential trading as we are conducting it with our former and current clients year after year.

CEO MESSAGE

This company is a young and dynamic company managed to engage in export and import of Polymers, Petrochemical's and Petroleum Products in Middle East and global market. The company is led by an extraordinary and well prepared group of individuals, each with a diverse set of talents in various and complementary areas of business. These virtues make our company a successful organization. We are proud that our assets are the individuals chosen to fulfil our goals, vision and guarantee the satisfaction of our clients.

Dr. Ali Mahmoudi

"Our Group has the talent, technologies and resource management to turn ideas into reality."



Our company is committed to delivering exceptional, personalized and flexible service to our international and domestic clients. We understand our clients' needs and will work hard to provide innovative, creative and low cost solutions. Our Group has the talent, technologies and resource management to turn ideas into reality.
Our company has established partnerships with many companies in various regions that enable us to address the needs of clients who are interested in procurement.

Mission Statement

We understand our clients' needs and will work hard to provide innovative, creative and low cost solutions and to deliver exceptional, personalized and flexible service to all our clients.

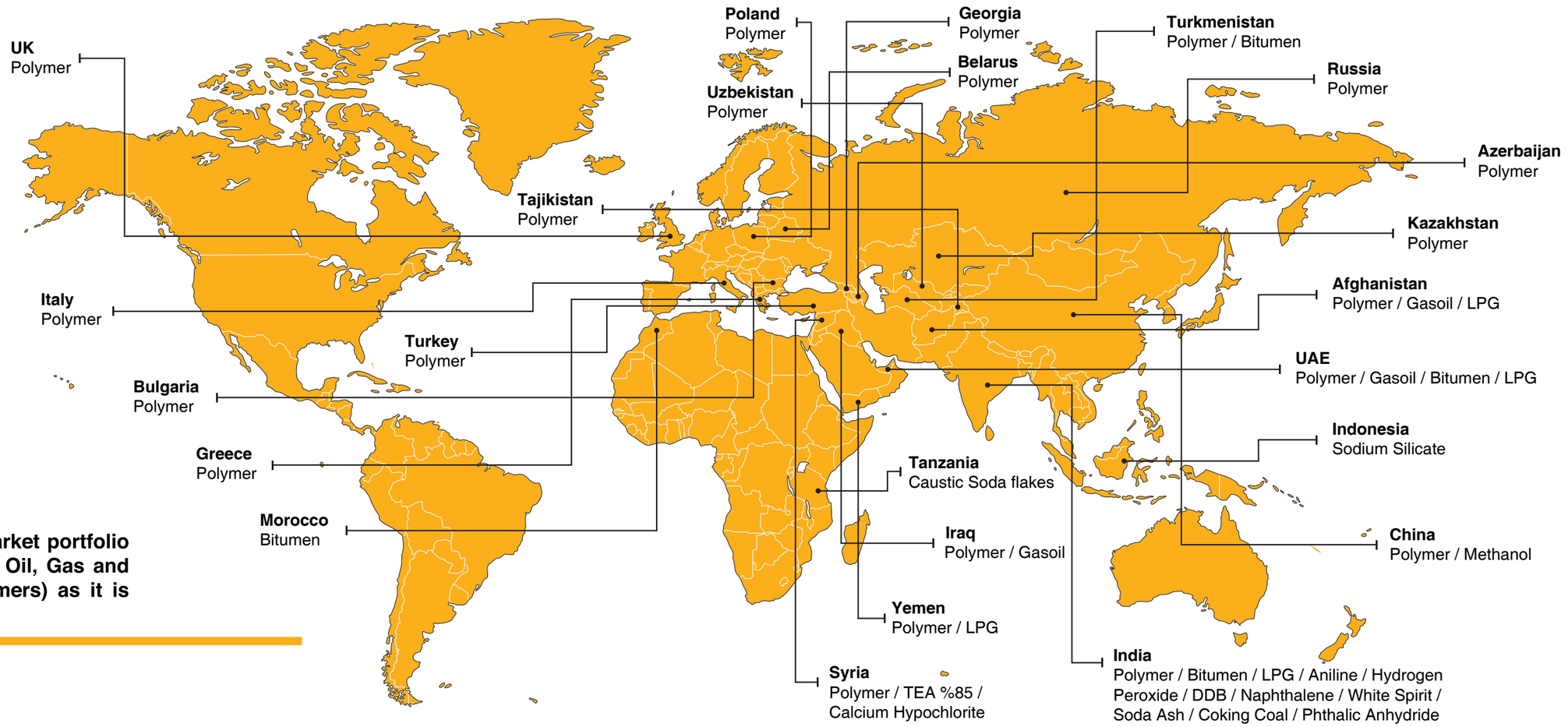
Corporate Objective

We are determined to enter the new world market with our highest abilities and facilities while gaining the most from our experience. We are here to fulfill the needs and requirements of our clients as well as manage their expectations.

Steps in Reaching Solid Trade Business for Iranian Products

- Steady Buisiness
- Reach Efficiency
- Easy Transportation
- Low Cost Procurement
- Obtaining Information
- Willingness to Trade

We are proud of our export market portfolio within the last 12 years in the Oil, Gas and Petrochemical Products (Polymers) as it is shown in the world map.



Business and Aim

Our aim and internal charter are to obtain best Iran made products from the best source, with the highest quality possible, and provide them to our domestic and international clients in the shortest possible time with competitive prices.

Memberships & Awards

Iranian Oil, Gas and Petrochemical Products Export Association
Iran-Sweden Chamber of Commerce
Iran-Iraq Chamber of Commerce
Iran-Turkey Chamber of Commerce
Iran-Afghanistan Chamber of Commerce

Polymer

Iran with owning over a hundred petrochemical & refinery companies, is capable of producing & packing various high quality polymers. In addition, due to the strategic location of Iran on the map, various delivery terms such as FOB, CIF, CPT, etc. is possible.

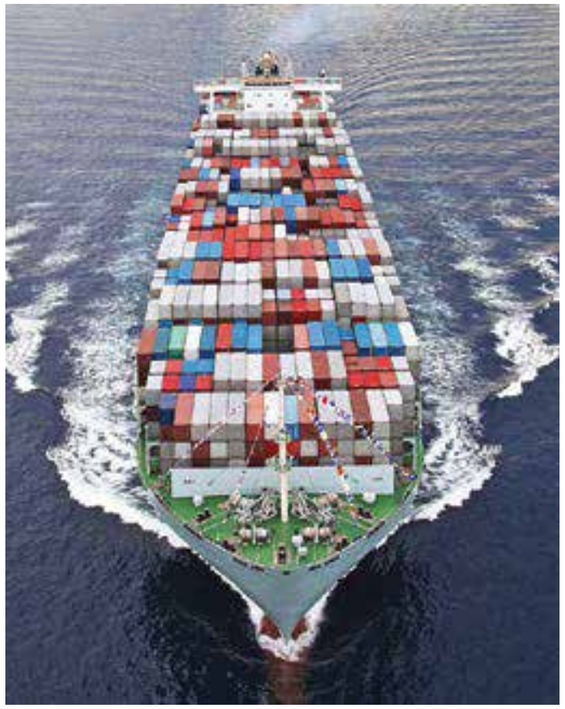
Iran's polymers are classified as below:

Polyethylene (PE): Polyethylene is classified by its density and branching. Its mechanical properties depend significantly on variables such as the extent and type of branching, the crystal structure, and the molecular weight. There are several types of polyethylene:

High density Polyethylene (HDPE): HDPE is known for its large strength-to-density ratio. The density of HDPE can range from 0.93 to 0.97 g/cm3. It is classified in five grades (Film, Injection, Blow, Extrusion, Roto)

Low density Polyethylene (LDPE): LDPE is defined by a density range of 0.910–0.940 g/cm3 and has more branching than HDPE.

Linear Low density Polyethylene (LLDPE): LLDPE differs structurally from conventional LDPE because of the absence of long chain branching.



HDPE (High Density Polyethylene)			
	Grade	MFI (190 C /2.16Kg)	Density
FILM	HCH 5110A	10 (190°C/21.6Kg)	0.951
	F7000	0.04	0.954
	MCH 3713	0.1	0.937
	EX5	0.28	0.949
BLOW	0035	0.35	0.953-0.959
	BL3	1.2 (190 C /5Kg)	0.954
	BL4	0.35 (190 C /5Kg)	0.951
INJECTION	I4	11 (190 C /5Kg)	0.954
	HD5030SA	2.2	0.950
	6040UA	3.7	0.96
	HI0500	4 - 6	0.963-0.967
	52505UV	5	0.952
	2200J	5.2	0.953
	60505UV	5.5	0.957
	HD 62107	7	0.962
	I3	8	0.962
	HD52511	11	0.952
	HD60511	11	0.96
	HD 5218 EA	18	0.952
	HD52518	18	0.952
	HD 5620 EA	20	0.956
	HD 6070 UA	7(190 C /5Kg)	0.958
EXTRUSION	EX3-80S	4	0.954
	EX3-100S	6.2	0.948
	CRP 100 Black	0.22 (190 C /5Kg)	0.957
	CRP 100 N	0.22 (190 C /5Kg)	0.948
ROTO	3840UA	4	0.938

LDPE (Low Density Polyethylene)			
	Grade	MFI (190°C /2 .16 Kg)	Density
FILM	2420D	0.25	0.923
	L2100TN00	0.3	0.921
	LTL2130	0.3	0. 921
	LH0075	0.75	0.921
	2101TN47	0.85	0.921
	2102TN42	1.9	0.921
	2102TX00	1.9	0.921
	LTM2119X	1.9	0.921
	2420H	1.9	0.924
	LF-0200	2	0.919
	LTM2125/37	2.5	0. 921
	2004TX00	4.7	0. 921
	LTM2447/47	4.7	0. 924
	2404TC47	4.7	0.924
INJECTION	LTH1922	22	0. 919

LLDPE (Linear Low Density Polyethylene)			
	Grade	MFI (190°C /2 .16 Kg)	DENSITY
FILM	209 AA	0.9	0.92
	209KJ	0.9	0.92
	220AA	2.2	0.92
	220KJ	2.4	0.921
	32604UV	4	0.932

Polypropylene (PP): PP is a thermoplastic polymer used in a wide variety of applications. PP is classified in two categories (Copolymer and Homo). Copolymer has Extrusion, Injection, Blow grades and Homo polymer has Film, Fiber, Injection, Extrusion, Thermo Forming grades.

PP-HOMO POLYMER		
	Grade	MFI (230c-2.16 Kg)
FILM	HP525J	3
	ZH550J	3.2
	1104K	3.2
	HP510L	6
	HP510L	6
	ZH515MA	9
FIBER	1102XK	4
	1102L	4.5
	1101XN	13
	1101P	15
	V30S	16
	P-FI-160	16
	1101XP	17
	V 79 S	21
	Z30S	25
	P-YI-250	25
	1101S	25
	ZH552R	25
	1101XS	28
	HP565S	38
INJECTION	X30G	9
	V 30 G	16
	Z30G	25
	1101XXS	35
EXTRUSION	HP501D	0.7
	T 31 SE	3.8
	P-F-040	4
	P-SF-060	6

PP-HOLOPOLYMER		
	Grade	MFI (230c-2.16 Kg)
FIBER	T 30 G	3.2
	T 30 S	3.2
	C 30 S	6
Injection	F 30 G	12

PP-COPOLYMER		
	Grade	MFI (230c-2.16 Kg)
EXTRUSION	MR230C	< 0.3
	ZR230	0.35
	ZB332C	0.35
	EPD60R	0.4
INJECTION	EP440L	6
	EPC40R	7
	EPC40R	7
	EP548R	21

Polycarbonates (PC): PC polymers are a group of thermoplastic polymers containing carbonate groups in their chemical structures.

PC (Polycarbonates)	
Grade	MFI (300°C-1.2 Kg)
PC0407	4.1-7
PC0710	7.1-10
PC1822	18.1-22
PC2230	22.1-30

Polyvinyl chloride (PVC): PVC is the world's third-most widely produced synthetic plastic polymer, after polyethylene and polypropylene. PVC comes in two basic forms: rigid and flexible.

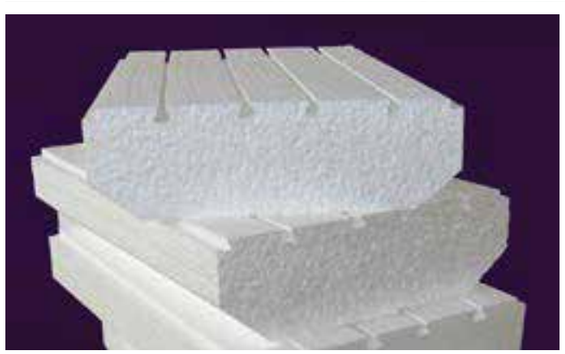
PVC (Poly vinil chloride)	
Grade	**Typical Application**
S57	Extrusion of flexible sections and hoses
S60	extrusion and injection moulding
S65	Rigid and semi-rigid pipes
S67	Rigid and semi-rigid pipes
S70	extrusion and injection moulding

Polyethylene terephthalate (PET): PET is the most common thermoplastic polymer resin of the polyester family and is classified in two grades (Bottle grade - BG and Textile Grade - TG)

PET (Polyethylene terephthalate)	
Grade	**Typical Application**
BG-732	Bottle Grade
BG-781	Bottle Grade
BG-785	Bottle Grade
BG-821	Bottle Grade (4 liter or more volumes)
BG-825	Bottle Grade
TG645	Textile
TG641	Textile

Polystyrene (PS): PS is a long chain hydrocarbon wherein alternating carbon centers are attached to benzene.
There are several types of polystyrene: (General-purpose polystyrene - GPPS, High Impact Polystyrene - HIPS, Expanded polystyrene - EPS)

PS (PolyStyrene)	
Grade	**MFI (5kg)**
GPPS1160	2.5
HIPS7240	4.5
GPPS1460	6.5
GPPS1540	11
GPPS1084	8
GPPS1115	11
GPPS1047	3.8
GPPS1028	2.4



Acrylonitrile butadiene styrene (ABS): ABS is a common thermoplastic polymer that the most important mechanical properties of it are impact resistance and toughness.

ABS (Acrylonitrile butadiene styrene)			
Grade	**MFI**		**Vicat softening point (˚C)**
	200˚C /5Kg	**220°C /10Kg**	
SV0157	0.5	.....	101
HR2340	1	.....	112
HR2320	1.2	.....	103
SD0150	1.8	.....	98
SD0152	2.4	.....	99
SD0140	3.2	.....	97
ABS 50	.....	35	95

Petrochemicals

We as Azaran International Group are exporting various chemical products through different continents. Our goal is to expand our business scope and broaden our partnership within new markets and countries. We are mainly dealing based on CFR by containers or vessel and CPT by truck. Currently we have been shipping to India, Indonesia, Africa, Syria and Pakistan through sea and CIS countries through land.

- Sodium Silicate - Indonesia (Jakarta and Belawan)
- Low Aromatic White Spirit - India (Mundra, Hazira, Nhava **Sheva)**
- Caustic Soda Flakes - Myanmar (Yangon) / Indonesia (Jakarta) / **Africa (Dar Es Salam)**
- Calcium Hypochlorite - Syria (Lattakia)
- Hydrogen peroxide 50% - India (Nhava Sheva)
- Urea - India (Nhava Sheva)
- Coking Coal - India (Nhava Sheva)
- Triethanolamine (TEA) - Syria (Lattakia)
- Refined Naphthalene - India (Mundra)
- Sulfur - Indonesia (Jakarta)
- Aniline - India (Nhava Sheva)
- Soda Ash Light / Dense - India (Mundra, Hazira, Nhava Sheva) / Pakistan (Karachi) / **Bangladesh (Chittagong)**
- Phthalic Anhydride - India (Nhava Sheva)
- Methanol - Bangladesh (Chittagong)
- DDB - India (Mundra, Nhava Sheva)
- Crystal Melamine - India (Nhava Sheva)
- styrene monomer - Pakistan (Karachi)

Aniline Oil

Caustic Soda

Sulfur

We are ready to export the following goods based on any incoterms that we will meet your satisfaction through sea or land, in order to let us know your inquiries, please send us email, we shall come back at the soonest with a competitive offer:

Hydrogen Peroxide %50

- Methyle Disotante
- Distilled Soybean Fatty Acid
- Sodium Silicate
- Sodium Co Silicate
- Sodium Sulfite Anhydrous
- Sodium Metabisulfite
- Sodium Sulfide
- Low Aromatic White Spirit in drums
- Petroleum Jelly
- Caustic Soda Flakes
- Calcium Hypochlorite
- Sodium Sulphide (Yellow and Red flakes)
- LABSA 96%
- Paraffin Wax (all types)
- Hydrogen peroxide 50% and 35%
- Urea
- LAB and HAB
- Coking Coal
- Triethanolamine (TEA)
- Sulfur
- Soda Ash Light/ Dense
- Phthalic Anhydride
- Mono Ethylene Glycol (MEG)
- Methanol
- MTBE
- DDB
- Crystal Melamine
- styrene monomer in drums
- Triethanolamine (TEA)
- Zinc and Lead Ingots

TEA %85

Soda Ash Light

Oil and Gas

Iran with tremendous resources of Oil and Gas and its geographical status is one of the biggest producers of petroleum and petrochemical products in the world.

Crude oil is a naturally occurring, unrefined petroleum product composed of hydrocarbon deposits and other organic materials. Crude oil can be refined to produce usable products such as gasoline, diesel and various forms of petrochemicals.Crude oils that are light (higher degrees of API gravity, or lower density) and sweet (low sulfur content) are usually priced higher than heavy, sour crude oils.

Gas Oils are middle distillates, predominantly of carbon number range C11 to C25 and with a distillation range of 160°C to 420°C. Gas Oil/Diesel distils between 180°C and 380°C. Several grades are available depending on uses: Gas Oil for Diesel compression ignition (cars, trucks, marine, etc.), light heating oil for industrial and commercial uses and other gas oil including heavy gas oils which distil between 380°C and 540°C and are used as petrochemical feed stocks. Gas oil is defined as: “heavy oil of which not more than 50% by volume distils at a temperature not exceeding 240 degrees Celsius and of which more than 50% by volume distils at a temperature not exceeding 340 degrees Celsius.”

Gas Oil Specification				
ANALYES	TEST METHOD	LIMIT Gasoil 0.5%	LIMIT Gasoil 1.0 %	UNIT
Density@15° C	ASTM D-1298	820-860	820-860	Kg/m
Recovered @150° C	ASTM D-86	report	report	%VOL
Recovered @300° C	ASTM D-86	report	report	%VOL
Recovered @357° C	ASTM D-86	90 Min	90 Min	%VOL
Colour	ASTM D-1500	3.0 Max	3.0 Max	
Final Boiling Point	ASTM D-86	385 Max	385 Max	° C
Flash Point	ASTM D-93	60 min	54 Min	° C
Sulphur Total	ASTM D-1552	0.5 Max	1.0 max	wt%
Corrosion	ASTM D-130	1a	1a	3HRS@100°C
Viscosity Kinematic@37.8C	ASTM D-445	2.0-5.5	2.0-5.5	CST
Cloud Point	ASTM D-2500	2.0 Max	2.0 Max	° C
Pour Point	ASTM D-97	-3.0 Max	-3.0 Max	° C
Carbon Residue (on 10% Bottom)	ASTM D-524	0. 1 Max	0.1 Max	wt%
Ash	ASTM D-482	0.01 Max	0.01 Max	wt%
Water & Sediment	ASTM D-2709	0.05 Max	0.05 Max	%VOL
Cetane Index	ASTM D-976	49 Min	49 Min	

Fuel Oil. Mazut mainly, fuel oil is defined as any liquid that is burned in furnaces, boilers or used in a power generation engines. Fuel Oil is obtained from distilled crude oil having a flash-point of approximately 40°C. According to this definition, diesel is a type of fuel oil. Fuel Oil is composed of long hydrocarbon chains, particularly alkanes, cycloalkanes and aromatics and placed in the classification of heavy industrial fuels, heavier than Gas-Oil and Naphtha. In Iran there are two kinds of Mazut CST 280 and CST 380

Mazut			
Specification	Test Method	Mazut 380	Mazut 280
Density @ 15 ° C (max) kg /L	D-1298	0.99	Max0.97
Viscosity kinematic @ 50 ° C (max) mm2/s	D-445	380	Max 280
Pour point (max)	D-97	32	Max 24
Flash point (min) ° C	D-93	65	Min 65
SulphurTotal max)%mass	D-1552	3.5	Max 3.5
Carbon Residue Conradson (max)%mass	Max 15	20	D-189
Ash (max) %mass	Max 0.05	0.15	D-482
Water & sediment (max) % vol	Max 0.5	1	D-1796
Calorific Value (Higher)	Min 41.8	41.7	Calculated
Visco.Rodwood1@37.7DC	Max 2500		Calculated

Bitumen. Process by which compressed air is blown into vacuum bottom residue, typically at 230-260 C in a reactor. 90 percent of the bitumen is used in the construction and maintenance of roads and the remaining 10 percent is used in the roofing and other (canals tunnels, pipe coating). Various types’ bitumen are as follows:

Petroleum Bitumen: Mixture of hydrocarbons derived from petroleum. Black or brown it varies from viscous to solid, producing by air blowing process vacuum bottom (crude oil derivaties)

Coal Tar: Coal tar is a black or dark brown a residue produced by the heat treatment of coal. It is solid at room temperature.

Natural Bitumen: This bitumen is extracted from mines, which are used in many industries, including road construction, the paint industry, polish and insulation of tanks, tubes and molding.

Although we have a lot of producers of bitumen but the two main refineries are Pasargad and Jay.

Bitumen			
Test	Methodology	60-70	85-100
Density	ASTM D-7	1/01-1/06	1-1/05
Penetration Rate at 25° C	ASTM D-5	60-70	85-100
Softening Point° C	ASTM D-36	49-56	45-52
Ductility at 25°C(cm)	ASTM D-113	100 Min	100 Min
Flash Point° C	ASTM D-92	250 Min	250 Min
Solubility in Disulfide %wt.	ASTM D-4	99/5	99/5
Stain Test	AASHTO T 102	Negative	Negative
Weight Loss By Heating %wt.	ASTM D-6	0/2 Max	0/2 Max
Penetration Loss by Heating %	ASTM D-6-D-5	20 Max	20 Max

LPG (Liquefied Petroleum Gas) is concluded of propane and butane hydrocarbons.
The percentage of mixture between propane and butane in producing LPG is very important.
In summer when the weather is warm one increases the percentage of butane but in the winter by increasing of propane one helps in fact for better evaporation, generally the percentage of propane in LPG fluctuates from 10% to 50%. The ratio of butane and propane ranges from 50/50, 60/40 and 70/30 depending on the region and demand. The base price is announced monthly by ARAMCO

LPG (AS)			
Test Item	Test Method	PROPANE Specification	BUTANE Specification
Sp. Gr .@60°F	ASTM D-2598	To be reported	To be reported
Vapor pressure@100°F (psig)	ASTM D-1267 OR D-2598	Max 200	Max 70
Propane content (Vol%)	ASTM D-2163	Max 96.0	N/A
Ethane Content (Vol%)	ASTM D-2163	Max 2.0	N/A
Volatile residue C4+ (VOL%)	ASTM D-2163	Max 2.5	N/A
Volatile residue (Vol.%)	ASTM D-2163	N/A	Max 2.0
Residue on EVP.OF 100ml (ml)	ASTM D-2158	Max 0.05	N/A
Oil strain observation (ml)	ASTM D-2158	Pass	N/A
Corrosion Copper strip	ASTM D-1838 OR D-5453	No. 1 strip	N/A
Sulphur content (WT%)	ASTM D-1266	Max 0.004	N/A
Hydrogen Sulphide	ASTM D-2420 OR IP103	Negative	N/A
Moisture Content	ASTM D-2713 OR D-1744	Pass	N/A
Butane content (Vol.%)	ASTM D-2163	N/A	Min 95.0
Copper corrosin	ASTM D-1838	N/A	No.1 strip
Sulfur Content	ASTM D-1266 OR D-5453	N/A	Max 80
H2S	ASTM D-2420	N/A	Negative
Free Water	Visual	N/A	None

LPG (K)			
Test Item	Test Method	BUTANE Specification	PROPANE Specification
Sp. Gr. @60/°60 F	ASTM D2598	Max 0.585	Max0.510
Vapor pressure@100° F (psig)	ASTM D2598	Max 50	Max 200
Total Butane (mol.%)	ASTM D2163	Min 94	Max 3
Non Volatile Residue %	ASTM D2158	Max 0.1	NIL
Total Sulfur ppmw	ASTM D6667	Max30	Max30
Corrosion Number	ASTM D1838	1a	1a
Hydrogen Sulfide	ASTM D2420	Negative	Negative
Pentane &Heavier mol%	ASTM D2163	Max 2	Max3
Propane -Lighter mol%	ASTM D2163	Max 4	Min 95

PetroBourse

Prestige IT division of Azaran to advance their goals in the development and further education of export of petroleum and refining products of our beloved country by the means of E-Commerce through its website and telegram has launched “Petrobourse” with tremendous success through Iran trade market.
Petrobourse by providing news, product information and offer to over 2,000 of its current members it has become a suitable environment for global users to obtain news and information enabling them to enter Iran market in the best and fastest way possible.

Iran and world review in channel, petro letter and weekly

offering of various Oil, Gas and Petrochemical products available in Iran

Place for client advertisement for services and products

Expert market graph comparison of various countries, infographs and statistics

Following world market prices as well as local and export polymer prices

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Read about Iran business news as well as obtaining weekly accomplished polymer export and domestic business trade prices.