



Persian Gulf Bidboland Gas Treating Company

Bidboland Gas Treating was built and ready for operation in 2019. The main goal of PGBGT is to capture and use associated gas with oil, which protects the environment and produces valuable products. Propane is one of these products, produced 1 million ton per year.

Address

Tehran office :
No. 39, Nelson Mandela Boulevard
(Jordan), Golshahr Boulevard., Tehran
Tel: 021-26294005~6

Behbahan:
Khuzestan - Behbahan city - 17 km of
Behbahan highway, Ramhormoz
Tel: 061-52103100~5

Contact Details

Sales Department

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Propane

Product Data Sheet

Product Code: 8999900182

Product Specification

Properties	Test Method	Unit	Specification
C ₂ and lighter	ASTM D2163	wt%	0.28 (max)
C ₄ and Heavier	ASTM D2163	wt%	0.94 (max)
C ₃	ASTM D2163	wt%	99 (min)
Total Organic Sulphur	ASTM D6667	mg/Kg as S	30 (max)
Copper Corrosion	ASTM D1838	-	1 (max)
Phase	-	-	Liquid

Description and application

Description

Propane is a produced from liquid components separated during natural gas processing. it is naturally occurs as a gas at atmospheric pressure but can be liquefied easily when pressurized. It is stored and transported in its compressed liquid form.

Application

Propane is one of the basic raw materials used in the chemical industry and is precursor of polypropylene which is used to produce plastics, resins, rubbers and other materials. In addition, Propane is primarily a valuable source of energy.

General Information and Distribution

Propane is transferred via pipeline to Mahshahr, where stored and subsequently exported via oil tanker.

Storage and Handling

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Store away from incompatible materials.



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Pentane Plus

Product Data Sheet

Product Code: 8999900142

Product Specification

Properties	Test Method	Unit	Specification
C ₃	ASTM D6729	wt%	0.01 (max)
C ₄	ASTM D6729	wt%	1.5(max)
C ₅	ASTM D6729	wt%	36-44.5
C ₆₊	ASTM D6729	wt%	54.6-63
Density @ 60°F	ASTM D4052	gr/cm ³	0.66-0.69
R. V. P @ 100° F	ASTM D323	KPa	<82
Total Sulfur	ASTM D5453	ppm wt as S	<1
Water	ASTM E203	ppm v	100 (max)
Distillation			
InitialBoiling Point	ASTM D86	°C	37(max)
10% Recovery	ASTM D86	°C	47(max)
50% Recovery	ASTM D86	°C	64(max)
90% Recovery	ASTM D86	°C	121(max)
FinalBoiling Point	ASTM D86	°C	166(max)
RON	Calculated based on ASTM D 5134	-	67(max)

Description and application

Description

Natural gas often contains a significant amount of gas condensate or hydrocarbons which are liquid at ambient temperature and pressure. Pentane Plus that composed mostly of pentane and heavier hydrocarbons.

Application

Pentane Plus is used in the production of various petrochemical products, including plastics, synthetic rubber, and resins.

General Information and Distribution

Pentane Plus is sold in tankers in Behbahan and It is transferred via pipeline to Mahshahr, where stored and subsequently exported via oil tanker.

Storage and Handling

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Store in a well-ventilated place. Keep the container tightly closed.
- Store away from incompatible materials.



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Bidboland Gas Treating was built and ready for operation in 2019. The main goal of PGBGT is to capture and use associated gas with oil, which protects the environment and produces valuable products. Butane is one of these products, produced in 0.5 million tons per year.

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Butane

Product Data Sheet

Product Code: 8999900022

Product Specification

Properties	Test Method	Unit	Specification
C ₃ and lighter	ASTM D2163	wt%	0.62 (max)
C ₅ and Heavier	ASTM D2163	wt%	0.83 (max)
C ₄	ASTM D2163	wt%	98.5 (min)
Total Organic Sulphur	ASTM D6667	mg/Kg as S	30 (max)
Copper Corrosion	ASTM D1838	-	1 (max)
Phase	-	-	Liquid

Description and application

Description

Butane is a Product of PGBGT which is produced during gas processing. It is composed mostly of n-Butane and Iso-Butane and Trace amount of other hydrocarbon.

Application

Butane is used as a raw material in organic synthesis. Butane is excellent feedstock for ethylene plants, producing valuable products such as hydrogen, propylene and butadiene in addition to ethylene.

General Information and Distribution

Butane is sold in tankers in Behbahan and It is transferred via pipeline to Mahshahr, where stored and subsequently exported via oil tanker.

Storage and Handling

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- Store in a well-ventilated place. Store away from incompatible materials.