

# LPG (Liquefied Petroleum gas)

Catalog 2020



## Butane

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
Ethane	mol%	Max 0.08	G.C
Propane	mol%	Max 2	G.C
Total C4	mol%	Min 97.5	G.C
Total C5	mol%	Max 0.82	G.C
Sp. Gr. @ (60 °F /60 °F)	---	TO BE REPORTED	ASTM D-2598
Copper Corrosion	---	Max No. 1a	ASTM D-1838
Total Sulfide	wt. ppm	Max 30	BASED ON ASTM D-3246
Hydrogen Sulfide	vol.ppm	Nil	ASTM D-2420/ DARAGGER
Vapor Pressure @ (100 °F)	psig	Max 70	ASTM D-2598
Water Content	vol.ppm	Max 10	SHAW DE POINT
Residue on Evaporation	vol%	Max 0.05	ASTM D-2158

## Propane

TYPICAL TEST	UNIT	SPECIFICATION	TEST METHOD
Ethane	mol%	Max 0.4	G.C
Propane	mol%	Min 98	G.C
Butane	mol%	Max 1.4	G.C
Pentanes & Heavier	mol%	Max 0.01	G.C
Copper Corrosion	---	Max No.1a	ASTM D-1838
Hydrogen Sulfide	vol.ppm	Max 5	ASTM D-2420/ darager
Sp. Gr. @ (60 °F /60 °F)	---	To Be Reported	ASTM D-2598
Sulfur (Volatile)	wt. ppm	Max 30	ASTM D-3246
Vapor Pressure @ (100 °F)	psig	Max 200	ASTM D-2598
Water Content	---	pass	ASTM



**RAYMOND  
ENERGY**

International Trading and Finance

**Pars Petrochemical Company**

## Butane

COMPONENT		SPECIFICATION	
C3H8 and Lighter	Max	1	Wt.%
C4h10	Min	98	Wt.%
C5H12 And Heavier	Max	1	Wt.%
Total Sulphur	Max	30	Wt. ppm
<b>CONDITION</b>			
Temperature		*	°C
Pressure		*	bar a
Phase		Liquid	
<b>FLOW RATE UPSTREAM OF SULPHUR TREATERS (GUARANTEED FIGURE)</b>			
Summer Case		71.8	t/h

**Remark:**

The butane product will have a butane purity of minimum 98 wt.% on dry basis.

\* Suitable for refrigerated storage at almost atmospheric pressure

## Propane

COMPONENT		SPECIFICATION	
C3H8 and Lighter	Max	1	Wt.%
C4h10	Min	98	Wt.%
C5H12 And Heavier	Max	1	Wt.%
Total Sulphur	Max	30	Wt. ppm
<b>CONDITION</b>			
Temperature		*	°C
Pressure		*	bar a
Phase		Liquid	
<b>FLOW RATE UPSTREAM OF SULPHUR TREATERS (GUARANTEED FIGURE)</b>			
Summer Case		123.9	t/h

Remark: the propane product will have a propane purity of minimum 98 wt.% on dry basis.

\* Suitable for refrigerated storage at almost atmospheric pressure

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