

Technical Data Sheet

LPG

Liquid Petroleum Gas

LPG is Liquefied petroleum gas or liquid petroleum gas also referred to as simply propane or butane, are flammable mixtures of hydrocarbon gases used as fuel in heating appliances, cooking equipment, and vehicles.

Applications:

- As a fuel for domestic appliances
- As alternative fuel in cars
- As fuel in various industries
- As the gas replaces the Freon gas in aerosol cans

PROPANE

Properties	Value	Test Method
Ethane & Lighter(MOLE%) max	Max 2	ASTM D 2163
Propane(MOLE%) Min	Min 98	ASTM D 2163
Total Butane & Heavier(MOLE%)	Max 2	ASTM D 2163
Specific gravity @ 60/60 °F max	Max 0.510	ASTM D 2598
Copper Corrosion	1-A	ASTM D 2598
Vapour Pressure(PSIG) @ 100°F max	Max 200	ASTM D 2598
Hydrogen sulphide(ppm) max	Negative	ASTM D 2420
Hydrogen sulphur(ppm) max	Max 30	ASTM D 6667
Non Volatile residue %	NIL	ASTM D 2158

BUTANE

Properties	Value	Test Method
Propane & Lighter(MOLE%) max	Max 2	ASTM D 2163
Total Butane(MOLE%) Min	97	ASTM D 2163
Total Butane & Heavier(MOLE%)	Max 2	ASTM D 2163
Specific gravity @ 60/60 °F max	Max 0.585	ASTM D 2598
Copper Corrosion	1-A	ASTM D 2598
Vapour Pressure(PSIG) @ 100°F max	Max 50	ASTM D 2598
Hydrogen sulphide(ppm) max	Negative	ASTM D 2420
Hydrogen sulphur(ppm) max	Max 30	ASTM D 6667
Non Volatile residue %	Max 0.1	ASTM D 2158