

LPG

Liquefied Petroleum Gas

Description

LPG is a mixture of hydrocarbons which composed principally of Propane (C3) & Butane (C4).

Clean-burning, low in Sulfur

LPG is odorized with Ethyl Mercaptan so that leaks in the residential and commercial distribution system can be readily detected.

Application

Fuel suitable for a wide range of domestic, agricultural and industrial applicans.

Domestic application - cooking, space heating, hot water heating etc.

Industrial application - heat treating processes, metal fabrication, heat source etc

Fuel for automotive, e.g. forklift

Properties	Unit	Spec Limit ⁴	Typical Value ¹	Test Method ^{2,3}
Sulfur	mg/kg	Max: 150	30	ASTM D5453M
Vapor Pressure @ 37.8°C (100°F)	psig	Report	80	ASTM D2598
Residue on Evaporation at 100F	Vol %	Max 0.05	<0.05	ASTM D2158
Composition				ASTM D2163
C2 Hydrocarbons	Mole %	Report	1	
C3 Hydrocarbons	Mole %	Report	27	
C4 Hydrocarbons	Mole %	Report	72	
C5 and heavier Hydrocarbons	Mole %	Report	< 2	
Olefins	Mole %	Report	< 1	
Copper Strip Corrosion 1hr @ 37.8°C		Report	1	ASTM D1838
Molecular Weight		Report	54	Calculation
Specific Gravity, 15.6/15.6°C(60/60°F)		Report	0.558	ASTM D2598
Water, free		Nil	Nil	Visual
Weathering, % off 2.2°C (36°F)	Vol %	Report	97	ASTM D1837
Heating Value (Net)	MJ/Kg	==	45.7	Calculation

Notes

1. Values are typical and should not be interpreted as specifications.
2. ExxonMobil's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. ExxonMobil reserves the right to use other equivalent test methods in certifying this product.
3. Test conducted according to ASTM / IP / UOP etc Standard Test Methods are routinely verified to be in compliance with the latest published versions. Minor changes may be made where they have no materials impact on test results and are necessitated by reasons such as safety, environmental standards, and method effectiveness.
4. For purposes of reporting test result in Certificate and determining conformance with these specifications, an observed value or a calculated value shall be rounded "to the nearest unit" in the last right-hand significant digit used in expressing the

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limiting value, in accordance with the rounding method of ASTM Practice E 29, Using Significant Digits in Test Data to Determine Conformance with Specifications.

5. For Health & Safety information refer to the most current version of the product MSDS.