

Propane Gas Facts

Chemical Formula	C ₃ H ₈	
Boiling Point	-44	degrees Fahrenheit
Specific Gravity of Gas (note: Air is = 1.0)	1.50	
Specific Gravity of Liquid (note: Water is = 1.0)	0.504	
Pounds per gallon of liquid at 60 deg F	4.20	
BTU per gallon of gas at 60 deg F	91,502	
BTU per pound of gas	21,548	
BTU per Cubic Foot of gas at 60 deg F	2,488	
Cubic Feet of Vapor per gallon at 60 deg F	36.38	
Cubic Feet of Vapor per pound at 60 deg F	8.66	
Latent Heat of Vaporization at Boiling Point BTU/Gallon	773	
Combustion Data:		
Cubic Feet of Air required to burn 1 Cubic Foot of gas	23.86	
Flash Point	-156	degrees Fahrenheit
Ignition Temperature in Air	920-1120	degrees Fahrenheit
Maximum Flame temperature in Air	3595	degrees Fahrenheit
Limits of Flammability: % of gas in air	2.15 – 9.6 %	