

Methane = CH4

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The lowest [alkanes](#) with the [chemical formula](#) CH_4 (one atom of [carbon](#) and four atoms of [hydrogen](#)) being [gaseous](#) in [normal conditions](#).

Chemical Formula	CH_4	
Molar Mass	$16.043 \cdot 10^{-3} \text{ kg/mol}$	35.37 lb/mol
ritical Temperature (T_c)	$190.56 \text{ }^\circ\text{K} = -82.59 \text{ }^\circ\text{C}$	-116.2 °F
Critical Pressure (P_c)	4.5992 MPa = 45.992 bar	673 psi
Boiling Point	$111.65 \text{ }^\circ\text{K} = -161.5 \text{ }^\circ\text{C}$	-258.7 °F
Melting Point	$90.694 \text{ }^\circ\text{K} = -182.5 \text{ }^\circ\text{C}$	-296.42 °F
Density at STP	0.716 kg/m³	0.0447 lb/ft³
Specific Volume		
Specific Gravity	0.565	
Specific Heat		

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[[Natural gas density](#)]