

# Ethylene

*Is a simple olefin, the chemical formula is C<sub>2</sub>H<sub>4</sub> has a prominent role in the petrochemical industry. It is colorless flammable gas.*

COMPONENT	SPECIFICATION	
Ethylene	99.95	vol % min
Methane + Ethane	500	ppm vol max
Hydrogen	5	ppm vol max
Total C3 & Higher	10	ppm vol max
Acetylene	1	ppm vol max
Carbon Monoxide	0.03	ppm vol max
Carbon Dioxide	0.1	ppm vol max
Oxygen	0.1	ppm vol max
Total combined sulphur	1	ppm vol max
Water	0.1	ppm vol max
Methanol	0.5	ppm vol max
Total Combined Nitrogen	0.2	ppm vol max
Oxygenated Compounds	0.5	ppm vol max
COS	0.02	ppm vol max
Mercaptans	0.3	ppm vol max