

# Propylene

Also called propane, a colorless, flammable, gaseous hydrocarbon, C<sub>3</sub>H<sub>6</sub>, obtained from low molecular weight constituents of petroleum.

COMPONENT	Unit	SPECIFICATION
Propylene	% vol	min 99.8
Propane	% vol	max 0.2 %
Hydrogen	ppm vol	max 5
Ethylene	ppm vol	max 1
Butenes	ppm vol	max 1
Pentenes	ppm vol	max 1
Non-condensables	ppm vol	max 20
Methanol	ppm vol	max 5
Ethane	ppm vol	max 20
Butane-pentanes	ppm vol	ppm vol max
C6-C12 Hydrocarbons	ppm vol	max 1
Acetylene	ppm vol	max 1
Methyl-acetylene	ppm vol	max 1
Propadiene	ppm vol	max 1
Butadiene	ppm vol	max 10
Oxygen	ppm vol	max 2
Carbon Monoxide	ppm vol	max 0.03
Carbon Dioxide	ppm vol	max 2
COS	ppm vol	max 0.02
Total sulphur	ppm wt	max 1
Isopropanol	ppm vol	max 5
Water	ppm wt	max 2
Arsine	ppm vol	max 0.01
Phosphine	ppm vol	max 0.01
Ammonia	ppm wt	max 1
Cyclopentadiene	ppm vol	max 0.05