

# R1270 Propylene (C<sub>3</sub>H<sub>6</sub>)

Propylene is a colorless, flammable, non-toxic gas

Purity Specifications	Grade 2.5 99.5%
Nitrogen	< 50 ppm
Oxygen	< 5 ppm
Other Hydrocarbons	< 4800 ppm
Carbon Dioxide	< 5 ppm
Moisture	< 5 ppm
Total Impurities	< 5000 ppm

Moisture level guaranteed only when AGT prepares the cylinders.  
All concentrations are on a mol/mol basis unless otherwise stated.  
This product is analyzed liquid phase.  
Product sold on the basis of total impurities. Individual impurities may vary slightly.

Cylinder Size	Fill Weight (lbs)
Iso Container	Up to 23,400
1/2 Ton	430
LP30	105
LP15	50
LP05	20
LP01	5

## Technical Data:

Boiling Point @ 1 atm . . . . . - 54°F  
Critical Temperature . . . . . 197°F  
Vapor Pressure @ 70°F . . . . . 136.6 psig  
Flammability Limits . . . . . 2.0 - 11.0% in Air  
Toxicity . . . . . Simple Asphyxiant  
Compatibility . . . . . Non-corrosive  
Valve Outlet . . . . . CGA 510

## Shipping Information:

DOT Name . . . . . Propylene  
Hazard Class . . . . . 2.1  
DOT / UN Number . . . . . UN 1077  
DOT Label . . . . . Flammable Gas  
CAS Number . . . . . 115-07-1