

# ISOPENTANE (C<sub>5</sub>H<sub>12</sub>)

A colorless, flammable liquid having a mild gasoline odor.

Purity Specifications	Grade 2.0 99%	Grade 2.5 99.5%
Other Hydrocarbons	< 1 %	< 0.5 %
Sulfur	< 1 ppm	< 1 ppm
Moisture	< 5 ppm	< 5 ppm
Total Impurities	< 1 %	< 0.5 %

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.  
Assay excludes Nitrogen.  
Product sold on the basis of total impurities. Individual impurities may vary slightly.

Cylinder Size	Fill Weight (lbs)
1/2 ton	570.0
LP30	136.0
LP15	80.0
LP05	27.0
LP01	7.0
49	60.0
44	50.0
16	19.0
7	8.0

## Technical Data:

Mol. Wt: . . . . . 72.15  
Pressure @100°F: . . . . . 20.1 psia  
Flammability Limits: . . . . . 1.4 - 7.6% in Air  
Valve Outlet: . . . . . CGA 510  
LB CGA 170

## Shipping Information:

DOT Name: . . . . . Pentanes  
Hazard Class: . . . . . 3  
DOT No.: . . . . . UN 1265  
Packing Group: . . . . . I  
DOT Label: . . . . . Flammable Liquid  
CAS No.: . . . . . 78-78-4

**ADVANCED GAS  
TECHNOLOGIES**