

Propylene (C₃H₆)

VLSI Grade

Total Purity ≥99.99%

Description

A flammable, colorless, non-toxic gas.

Specifications

Carbon Dioxide (CO ₂)	≤ 1 ppmv
Carbon Monoxide (CO)	≤ 1 ppmv
Nitrogen (N ₂)	≤ 2 ppmv
Oxygen (O ₂)	≤ 1 ppmv
Propane (C ₃ H ₈)	≤ 70 ppmv
Water (H ₂ O)	≤ 2 ppmv
Argon & Oxygen (Ar & O ₂)	≤ 1 ppmv
Methane (CH ₄)	≤ 1 ppmv
Ethylene (C ₂ H ₄)	≤ 10 ppmv
Ethane (C ₂ H ₆)	≤ 4 ppmv
1,3-Butadiene (C ₄ H ₆)	≤ 2 ppmv
Isobutane (C ₄ H ₁₀)	≤ 2 ppmv
Isobutylene (C ₄ H ₈)	≤ 2 ppmv
Total Metals	≤ 200 ppbw
Aluminum (Al)	≤ 10 ppbw
Cadmium (Cd)	≤ 10 ppbw
Calcium (Ca)	≤ 10 ppbw
Chromium (Cr)	≤ 10 ppbw
Copper (Cu)	≤ 5 ppbw
Iron (Fe)	≤ 5 ppbw
Lead (Pb)	< 10 ppbw
Magnesium (Mg)	< 10 ppbw
Manganese (Mn)	< 10 ppbw
Nickel (Ni)	≤ 5 ppbw
Sodium (Na)	< 10 ppbw
Zinc (Zn)	≤ 5 ppbw

Standard Package Information – Asia, North America, & Europe

Material Number	140749
Cylinder Size	44L Steel
Fill Weight (lbs)	40
Fill Weight (kgs)	18
Valve Connection	Manual DISS 724
Cylinder Dimensions (in)	9X51

For More Information

If you would like additional information or technical assistance, write or call Air Products and Chemicals, Inc. at one of the following locations.

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