

Boron Trichloride (BCl₃)

Megaclass Grade

Total Purity ≥ 99.999 wt%

Description

Megaclass™ Grade Boron Trichloride (99.999%) is a high purity grade for semiconductor applications offering full metals analysis. Boron Trichloride is a toxic, corrosive, liquefied gas.

Specifications

| | |
|-------------------------------|--------------|
| Carbon Monoxide (CO) | ≤ 0.2 ppmw |
| Chlorine (Cl ₂) | ≤ 0.5 ppmw |
| Hydrogen Chloride (HCl) | ≤ 2 ppmw |
| Methane (CH ₄) | ≤ 0.5 ppmw |
| Nitrogen (N ₂) | ≤ 4 ppmw |
| Oxygen (O ₂) | ≤ 2 ppmw |
| Phosgene (COCl ₂) | ≤ 0.5 ppmw |
| Aluminum (Al) | ≤ 0.05 ppmw |
| Calcium (Ca) | ≤ 0.02 ppmw |
| Copper (Cu) | ≤ 0.001 ppmw |
| Iron (Fe) | ≤ 0.1 ppmw |
| Magnesium (Mg) | ≤ 0.1 ppmw |
| Nickel (Ni) | ≤ 0.01 ppmw |
| Potassium (K) | ≤ 0.05 ppmw |
| Silicon (Si) | ≤ 0.5 ppmw |
| Silver (Ag) | ≤ 0.1 ppmw |
| Sodium (Na) | ≤ 0.1 ppmw |

Standard Package Information - Europe

| | |
|--------------------------|--------------|
| Material Number | 26409 |
| Cylinder Size | 50L Steel |
| Fill Weight (lbs) | 66 |
| Fill Weight (kgs) | 30 |
| Valve Connection | Manual DIN 8 |
| 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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