



Xenon

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Introduction

CAS NO. 7440-63-3

Classification

Others ->Special gases

Product Description

Product Name	Xenon
CAS NO.	7440-63-3
Molecular Formula	Xe
Molecular Weight	20.18
Xenon Purity	99.9995% min
H2	0.2ppm max
O2+Ar	1ppm max
N2	2ppm max
CO	0.1ppm max
CO2	0.05ppm max
CH4	0.05ppm max
Kr	0.05ppm max
H2O	1ppm max
N2O	0.05ppm max
C2F6	0.1ppm max
Application	<p>It is widely used in electronic and electric light source industry. Compared with the argon filled bulb with the same power, the bulb filled with xenon has the advantages of high luminous rate, small volume, long service life and power saving. Because of its strong fog permeability, it is often used as fog navigation light, which is widely used in airports, stations and docks. After concentrating on the concave surface of xenon lamp, it can generate 2500 °C high temperature, which can be used for welding or cutting refractory metals such as titanium and molybdenum. In medicine, xenon is a deep anesthetic without side effects and a contrast agent for X-ray photography.</p>

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