

**Melting Point**

-189.2°C

**Boiling Point**

-185.7°C

**Density**0.0017 g/cm<sup>3</sup>**Appearance****Other Physical Properties****Chemical Properties**

Argon does not react with substances (except fluorine). It is odorless and nontoxic.

**Compounds****Uses**

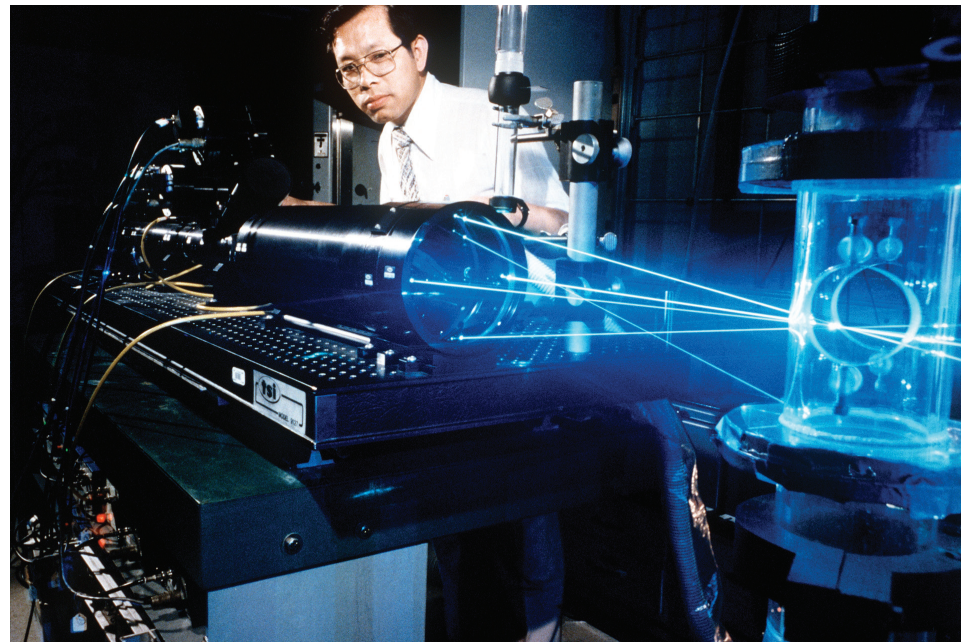
Argon is used in lightbulbs, lasers, and arc welders. Crystals for making computer chips are grown in an inert, argon atmosphere.

**Notes**

Argon makes up about 1% of air. It is the third most common gas in air and is obtained by the distillation of air.

**Follow these steps:**

1. The gas inside the lightbulb in the lamp is argon. Describe it.
2. Plug in the lamp. Does the wire burn or glow? What does this suggest to you about argon gas?



▶ THIS SCIENTIST IS PERFORMING RESEARCH USING AN ARGON LASER.

PHOTO: Courtesy of the U.S. Department of Energy