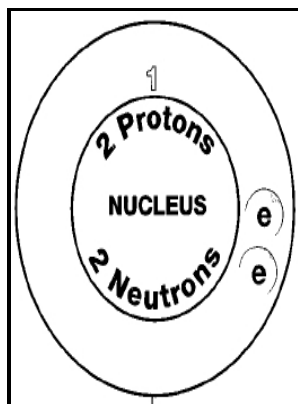


Low-temperature properties of gaseous helium - 2

- - Helium (He): Properties & Uses



Description: -

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Notes: From Proc. of the Royal Society of London, Series A, no. 977, vol. 179.

This edition was published in 1941



Filesize: 38.83 MB

Tags: #Helium #He: #Properties #& #Uses

Low

The results of some calculations by de Boer and Michels have been incorporated.

Helium (He): Properties & Uses

Nowadays, helium is one of the major ingredients of most of the technological, medical, and industrial advancements. It was possible to dye the plasma treated silk fabric at 40 °C temperature instead of 90 °C, as is used conventionally.

PROPERTIES

In the arc welding process, helium acts as a barrier between nitrogen and metal, so that it does not pollute the welding. Several interactions, with widely varying values of ϵ r_0 2, have been employed, and inferences about the actual interaction are made by interpolating the available experimental data, a method particularly suitable for interpreting future results. As the temperature drops, more and more of the mixture is superfluid.

The Low

The effects of plasma treatment time and the amount of nitrogen N 2 gas flow had a similar effect on water wicking. They distinguish between the two naturally occurring isotopes, helium 3 and helium 4.

#2

Helium constitutes the 23% of all elemental matter measured by mass. In fact, when liquid helium is kept in containers that are at atmospheric pressure, the helium temperature changes as atmospheric high and low pressure areas pass.

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