

IDEAL GAS LAW

How many moles of propane gas are there if at 25.0°C and 5.00 atm, the volume is 8.00 liters?

How many grams of propane are there?

What is the density of the propane?

What pressure would the gas have at -20.0°C?

IDEAL GAS MIXTURES

The composition of air by moles is 78.0% N₂, 21.0% O₂ and 1.00% Ar.

Calculate the total moles of gas if the total pressure is 753 torr at 23.0°C in a 10.0 L container?

How many moles of each gas are in the container?

What are the partial pressures of each gas?

How many grams of each gas are in the container?