

What are the units of an average speed calculation when a volume of gas is collected over a number of seconds?

Answer: As you see, value of volume changes with time. In SI unit of volume measurement is  $\text{m}^3$ . Then, in SI speed of such process is  $\text{m}^3 \cdot \text{s}^{-1}$ , and fractional units are ml/s or ml/min.