

CHAPTER OVERVIEW

7: Density

As an example of a quantity involving mixed units, consider the important quantity called density. Density is defined to be mass per unit volume:

$$\rho = \frac{M}{V} \quad (7.1)$$

Here ρ is the density of a body, M is its mass, and V is its volume. The SI units of density are kg/m^3 ; mass has SI units of kg, and volume has SI units of m^3 .

[7.1: Density](#)

[7.2: Specific Gravity](#)

[7.3: Density Trivia](#)

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