





$$V = \frac{1}{m},$$

$$\frac{1}{2} \frac{\rho_2}{m_1} = \frac{1}{2} \frac{\rho_2}{m_2}$$

$$\rho_1^2 = \frac{m_1}{m_2} \rho_2^2$$

$$\rho_1^2 = \frac{c_0, 0.4 \text{ kg}}{c_0, 1.4 \text{ kg}} \rho_2^2$$

$$\rho_1^2 = 0, 24 \rho_2^2$$

$$\rho_1^2 \leq \rho_2^2$$







