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$$c_{p, \text{voda}} = 4183 \text{ J/kg}\cdot\text{K}$$

$$m_{\text{voda}} = 3 \text{ kg}$$

$$m_{\text{vzorek}} = 2 \text{ g}$$

$$c_{p, \text{vzduch}} = 993 \text{ J/kg}\cdot\text{K}$$

$$m_{\text{vzduch}} = 100 \text{ g}$$

$$\Delta t = 3,2^\circ\text{C}$$

$$\Delta H = (m_{\text{voda}} c_{p, \text{voda}} + m_{\text{vzduch}} c_{p, \text{vzduch}}) \cdot \Delta t$$

$$= (3 \cdot 4183 + 0,1 \cdot 993) \cdot 3,2 = 40475 \text{ J}$$

$$\Delta H / m_{\text{vzorek}} = \frac{40475}{0,002} = \underline{\underline{20,24 \text{ MJ/kg}}}$$

pokud se zanedbá vzduch

$$\Delta H / m_{\text{vzorek}} = \frac{(3 \cdot 4183 + 0) \cdot 3,2}{0,002} = \underline{\underline{20,08 \text{ MJ/kg}}}$$

~~$$\Delta H / m_{\text{vzorek}} = \frac{(3 \cdot 4183 + 0) \cdot 3,2}{0,002} = 20,08 \text{ MJ/kg}$$~~

~~(pri zanedbani vzduchu a pri pouziti $c_{p, \text{voda}} = 4183 \text{ J/kg}\cdot\text{K}$)~~

~~$$\Delta H = \frac{3968}{0,002} = \frac{40,638}{0,002} = 20,319 \text{ MJ/kg}$$~~

~~$$\Delta H = 3968 \text{ J}$$~~

~~$$\Delta H = (m_1 c_{p1} + m_2 c_{p2}) \cdot \Delta t = (3 \cdot 4200 + 0,1 \cdot 993) \cdot 3,2$$~~

~~$$c_{p, \text{vzduch}} = 993 \text{ J/kg}\cdot\text{K}$$~~

~~$$c_{p, \text{voda}} = 4200 \text{ J/kg}\cdot\text{K}$$~~

~~voda 100g - vzduch 3kg - voda 2g - vzorka $\Delta t = 3,2^\circ\text{C}$~~

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