

Fisica

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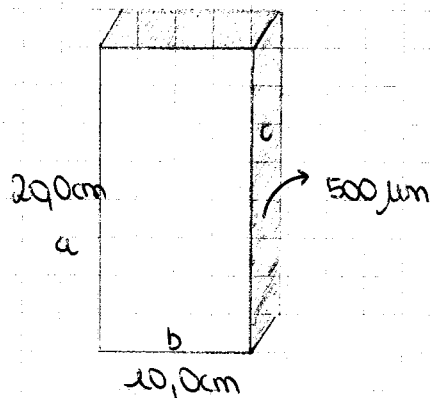
$$\text{Altezza} = 20,0 \text{ cm } (a)$$

$$\text{Lunghezza} = 10,0 \text{ cm } (b)$$

$$\text{Spessore} = 500 \mu\text{m } (c)$$

$$d = 10,5 \text{ g/cm}^3$$

$$m \text{ (in SI)?}$$



$$500 \mu\text{m} = 0,05 \text{ cm}$$

$$V = a \cdot b \cdot c \rightarrow 20,0 \text{ cm} \cdot 10,0 \text{ cm} \cdot 0,05 \text{ cm} = 10 \text{ cm}^3$$

$$m = d \cdot V$$

$$10,5 \text{ g/cm}^3 \cdot 10 \text{ cm}^3 = 105 \text{ g}$$

$$105 \text{ g} = 0,105 \text{ kg}$$