



Calculate molar mass of  $\text{Fe}_3(\text{PO}_4)_2$ .

The molar mass of  $\text{Fe}_3(\text{PO}_4)_2$  is 357.55 g/mol.

Iron (II) phosphate is an ionic compound with the chemical formula  $\text{Fe}_3(\text{PO}_4)_2$ .

The molar mass of  $\text{Fe}_3(\text{PO}_4)_2$  is calculated:

$$M = 3 \cdot M_{\text{Fe}} + 2 \cdot M_{\text{P}} + 8 \cdot M_{\text{O}} = 3 \cdot 55.85 \frac{\text{g}}{\text{mol}} + 2 \cdot 31 \frac{\text{g}}{\text{mol}} + 8 \cdot 16 \frac{\text{g}}{\text{mol}} = 357.55 \frac{\text{g}}{\text{mol}}$$