

| Mineral (Czech name) | Formula   |
|----------------------|---|
| akantit              | $\text{Ag}_2\text{S}$   |
| anglesit             | $\text{PbSO}_4$   |
| antimonit            | $\text{Sb}_2\text{S}_3$   |
| apatit               | $\text{Ca}_5(\text{PO}_4)_3(\text{F}, \text{Cl}, \text{OH})$  |
| aragonit             | $\text{CaCO}_3$   |
| argentit             | $\text{Ag}_2\text{S}$   |
| arsenopyrit          | $\text{FeAsS}$  |
| azurit               | $\text{Cu}_3(\text{CO}_3)_2(\text{OH})_2$   |
| baryt                | $\text{BaSO}_4$   |
| bastnäsit            | $(\text{Ce}, \text{La}, \text{Nd}, \text{Y})(\text{CO}_3)\text{F}$  |
| biotit               | $\text{K}(\text{Fe}, \text{Mg})(\text{AlSi}_3\text{O}_{10})(\text{OH})_2$   |
| boehmit              | $\text{AlO}(\text{OH})$   |
| bornit               | $\text{Cu}_5\text{FeS}_4$   |
| celestin             | $\text{SrSO}_4$   |
| cerusit              | $\text{PbCO}_3$   |
| cinabarit            | $\text{HgS}$  |
| columbit             | $(\text{Fe}, \text{Mn})\text{Nb}_2\text{O}_6$   |
| covelín              | $\text{CuS}$  |
| diaspor              | $\text{AlO}(\text{OH})$   |
| epsomit              | $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$   |
| fluorit              | $\text{CaF}_2$  |
| galenit              | $\text{PbS}$  |
| gersdorfit           | $\text{NiAsS}$  |
| gibbsit              | $\text{Al}(\text{OH})_3$  |
| goethit              | $\text{FeO}(\text{OH})$   |
| halit                | $\text{NaCl}$   |
| hematit              | $\text{Fe}_2\text{O}_3$   |
| chalkopyrit          | $\text{CuFeS}_2$  |
| chalkozín            | $\text{Cu}_2\text{S}$   |
| chlorit              | $(\text{Mg}, \text{Fe})_5\text{Al}(\text{Si}_3\text{Al})\text{O}_{10}(\text{OH})_8$   |
| chromit              | $\text{FeCr}_2\text{O}_4$   |
| chrysotil            | $\text{Mg}_3(\text{Si}_2\text{O}_5)(\text{OH})_4$   |
| illit                | $\text{K}_{0.65}\text{Al}_{2.0}[\text{Al}_{0.65}\text{Si}_{3.35}\text{O}_{10}](\text{OH})_2$  |
| ilmenit              | $\text{FeTiO}_3$  |
| kaolinit             | $\text{Al}_2(\text{Si}_2\text{O}_5)(\text{OH})_4$   |
| kasiterit            | $\text{SnO}_2$  |
| kuprit               | $\text{Cu}_2\text{O}$   |
| k-živec              | $\text{K}(\text{AlSi}_3\text{O}_8)$   |
| křemen               | $\text{SiO}_2$  |
| lepidolit            | $\text{KLi}_2\text{Al}(\text{Si}_4\text{O}_{10})(\text{F}, \text{OH})_2$ to $\text{K}(\text{Li}_{1.5}\text{Al}_{1.5})(\text{AlSi}_3\text{O}_{10})(\text{F}, \text{OH})_2$ |
| limonit              | $\text{FeO}(\text{OH}) \cdot n\text{H}_2\text{O}$   |
| magnesit             | $\text{MgCO}_3$   |

|                |  |
|----------------|--|
| magnetit       | $\text{Fe}_3\text{O}_4$  |
| malachit       | $\text{Cu}_2(\text{CO}_3)(\text{OH})_2$  |
| markazit       | $\text{FeS}_2$   |
| mastek         | $\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$   |
| milerit        | $\text{NiS}$   |
| molybdenit     | $\text{MoS}_2$   |
| monazit        | $(\text{Ce}, \text{Nd}, \text{Y}, \text{Dy}, \text{Sm}, \text{Nd}, \text{Th})(\text{PO}_4)$                              |
| montmorillonit | $(\text{Na}, \text{Ca})_{0.33}(\text{Al}, \text{Mg})_2(\text{Si}_4\text{O}_{10})(\text{OH})_2 \cdot n\text{H}_2\text{O}$ |
| muskovit       | $\text{KAl}_2(\text{AlSi}_3\text{O}_{10})(\text{OH})_2$  |
| pentlandit     | $(\text{Fe}, \text{Ni})_9\text{S}_8$   |
| plagioklas     | $\text{Na}(\text{AlSi}_3\text{O}_8)$ to $\text{Ca}(\text{Al}_2\text{Si}_2\text{O}_8)$                                    |
| proustit       | $\text{Ag}_3\text{AsS}_3$  |
| pyrargyrit     | $\text{Ag}_3\text{SbS}_3$  |
| pyrhotin       | $\text{FeS}$ [precise formula $\text{Fe}_{1-x}\text{S}$ ( $x = 0$ to $0.17$ )]   |
| pyrit          | $\text{FeS}_2$   |
| pyrolusit      | $\text{MnO}_2$   |
| rodochrozit    | $\text{MnCO}_3$  |
| rutil          | $\text{TiO}_2$   |
| sádrovec       | $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$  |
| sfalerit       | $\text{ZnS}$   |
| scheelit       | $\text{Ca}(\text{WO}_4)$   |
| siderit        | $\text{FeCO}_3$  |
| smisonit       | $\text{ZnCO}_3$  |
| spinel         | $\text{MgAl}_2\text{O}_4$  |
| stroncianit    | $\text{SrCO}_3$  |
| sylvín         | $\text{KCl}$   |
| tantalit       | $(\text{Fe}, \text{Mn})\text{Ta}_2\text{O}_6$  |
| tenantit       | $\text{Cu}_6[\text{Cu}_4(\text{Fe}, \text{Zn})_2]\text{As}_4\text{S}_{13}$   |
| tetraedrit     | $\text{Cu}_6[\text{Cu}_4(\text{Fe}, \text{Zn})_2]\text{Sb}_4\text{S}_{13}$   |
| uraninit       | $\text{UO}_2$  |
| wolframit      | $(\text{Fe}, \text{Mn})\text{WO}_4$  |
| xenotim        | $(\text{Y}, \text{Yb})\text{PO}_4$   |
| zirkon         | $\text{ZrSiO}_4$   |
| zinnwaldit     | $\text{KLiFeAl}(\text{AlSi}_3\text{O}_{10})(\text{F}, \text{OH})_2$  |