

# EXSOLUTION

*Meaning: Exsolution is the process by which a solid solution separates into two or more distinct phases, typically in minerals, due to changes in temperature or pressure.*

1. Exsolution can occur in minerals when certain components are no longer soluble in the host phase due to changes in temperature or pressure.
2. The phenomenon of exsolution is crucial for understanding the formation of certain igneous rocks.
3. During the cooling process of a magma body, exsolution may lead to the separation of different mineral phases.
4. Geologists often study exsolution textures to gain insights into the thermal history of a rock.
5. The process of exsolution can significantly affect the physical properties of a mineral, such as its color and strength.

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