

monotropic transition

The *irreversible transition* from a metastable polymorphic form to the stable polymorph.

Example: The transition of metastable CaCO₃ (aragonite-type) to the stable CaCO₃ (calcite-type).

Note:

For liquid crystals the term refers to a liquid crystal to *liquid-crystal transition* that occurs below the melting point and is revealed by supercooling of the crystal.

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