

**lamellar crystal**

A type of crystal with a large extension in two dimensions and a uniform thickness.

A lamellar crystal is usually of a thickness in the 5–50 nm range, and it may be found individually or in aggregates. The parallel chain stems intersect the lamellar plane at an angle between  $45^\circ$  and  $90^\circ$ . The lamellae often have pyramidal shape owing to differences in the fold domains; as a result, one can deduce different fold planes and fold surfaces from the lamellar morphology.

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