

Isothermal Sections

- Slices or sections cut through a ternary diagram at a constant temperature (**Isotherm**) to examine the phases present and the relationships between phases at that temperature.

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Binary Diagrams - Isotherms

Isotherms at T_7 , T_5 , and T_3 show phases that are in equilibrium at that temperature.

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Isothermal Sections

$T_B > T_C > T_A$
 $T_5 > T_4 > T_3 > T_2 > T_1$

— Cotectic Line
 — Isotherm

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