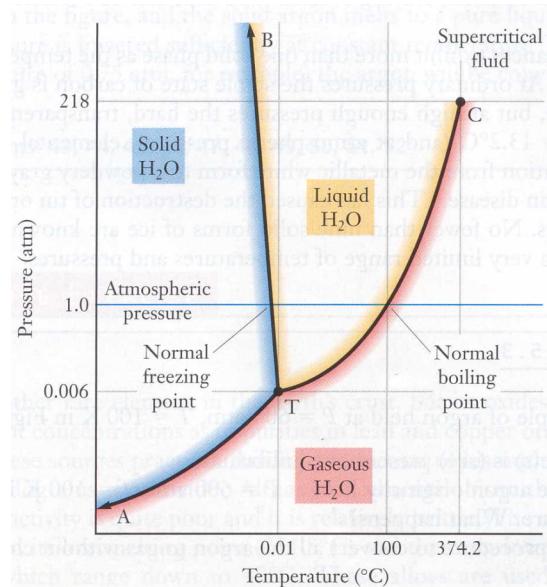
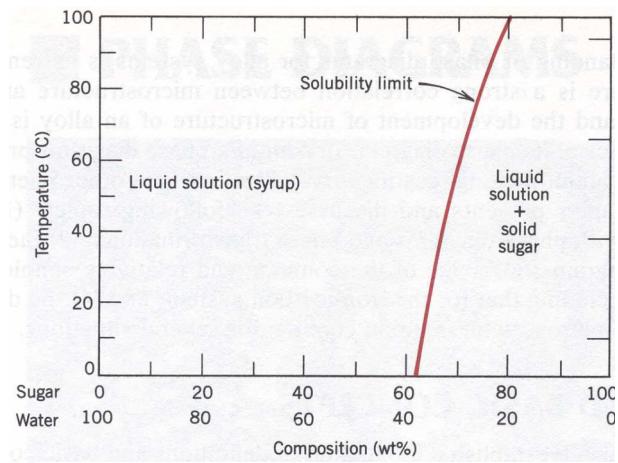


One component phase diagram

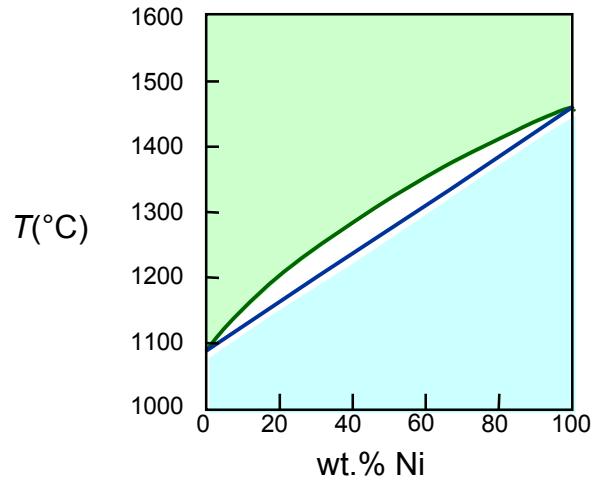


Chapter 9: Phase diagrams

Two component phase diagram

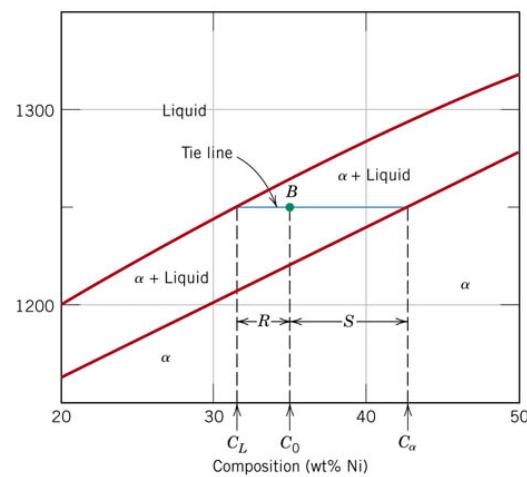


Chapter 9: Phase diagrams



Chapter 9: Phase diagrams

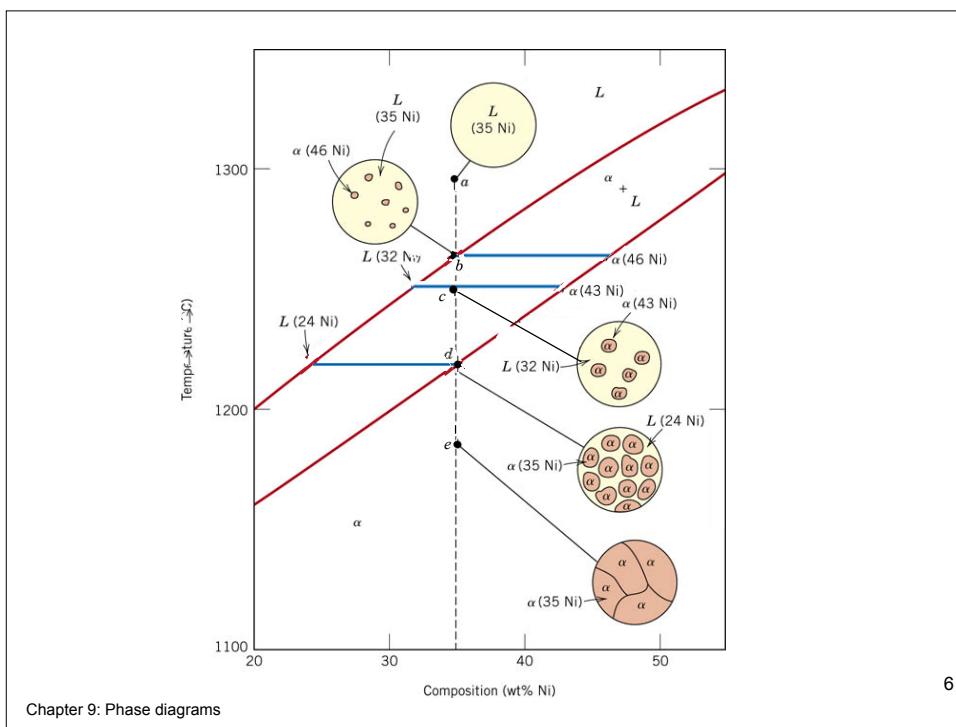
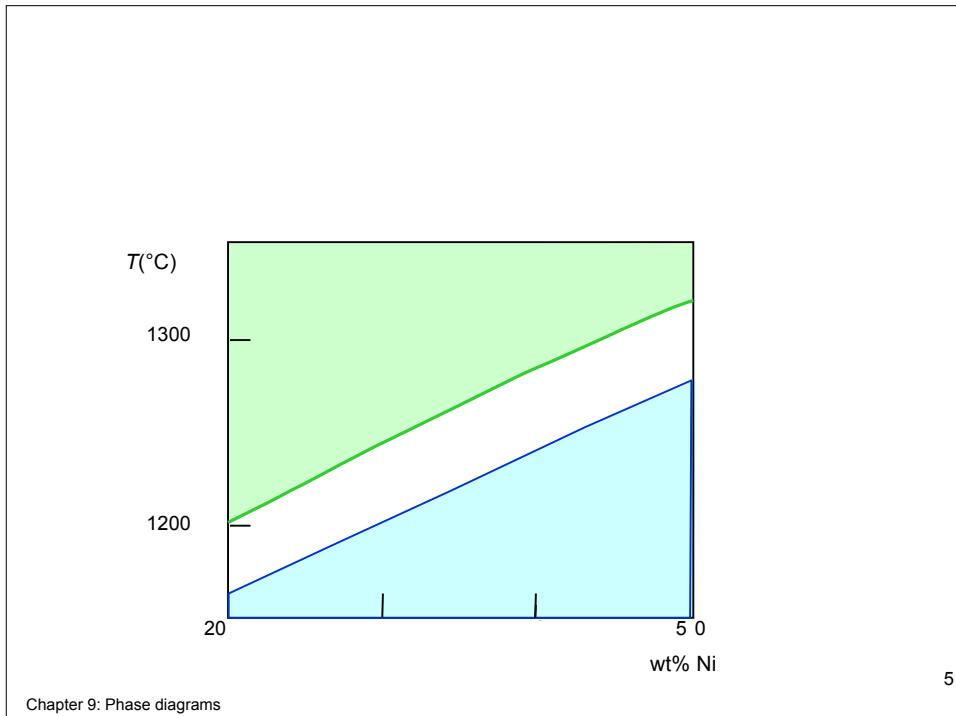
3



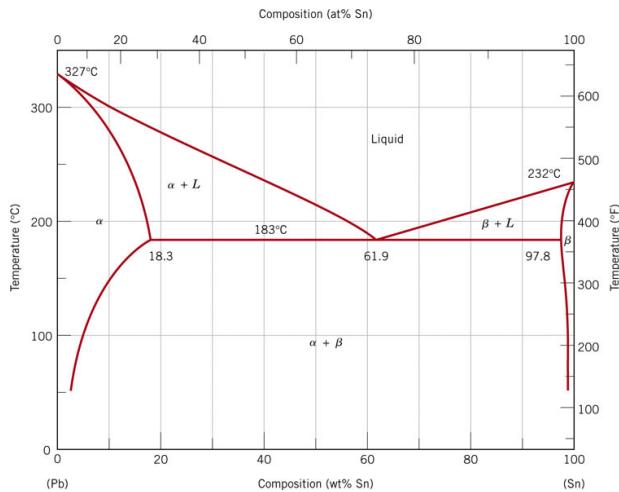
Chapter 9: Phase diagrams

4

2

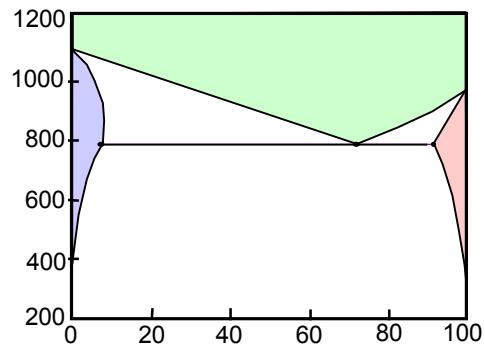


Binary eutectic system



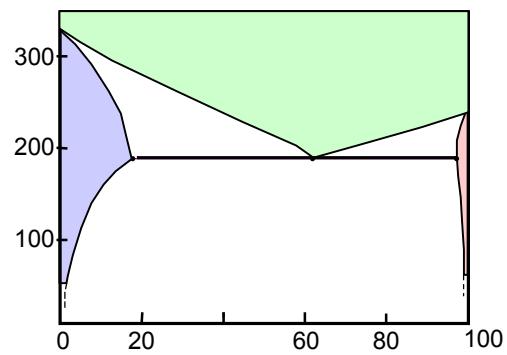
7

Chapter 9: Phase diagrams



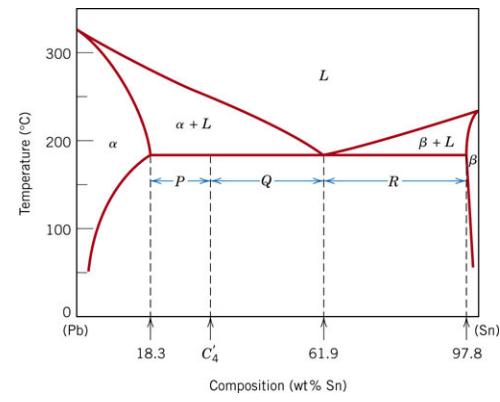
8

Chapter 9: Phase diagrams



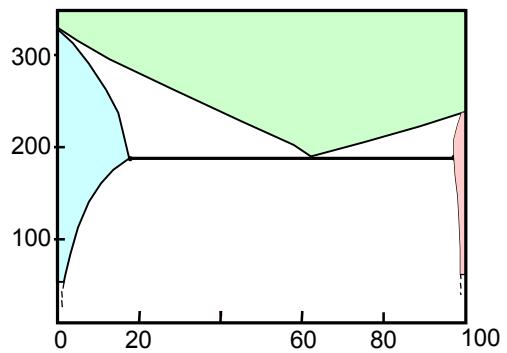
9

Chapter 9: Phase diagrams



10

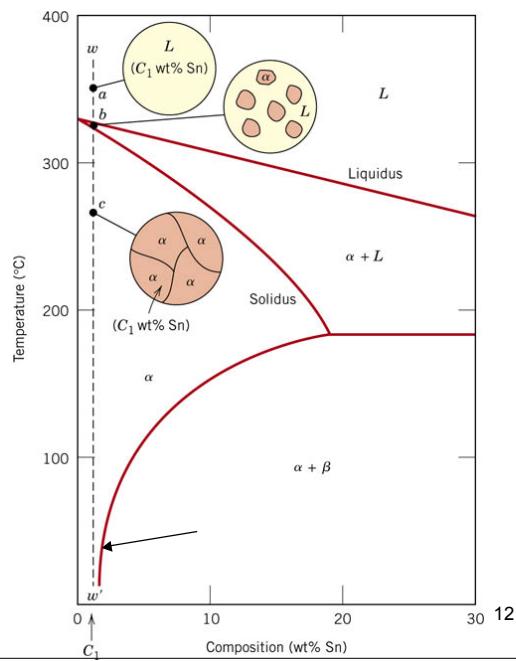
Chapter 9: Phase diagrams



11

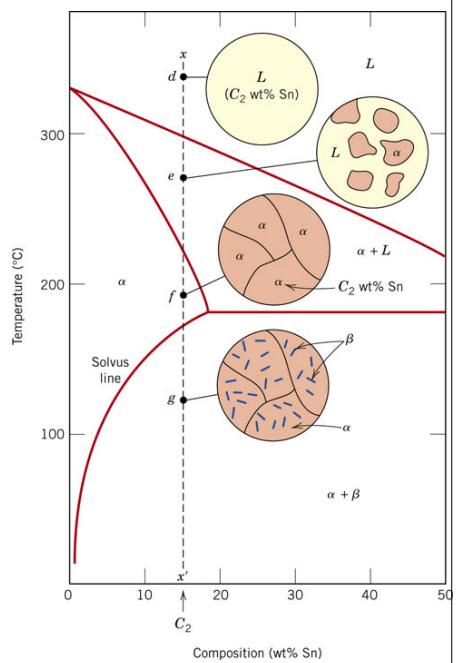
Chapter 9: Phase diagrams

Microstructural development



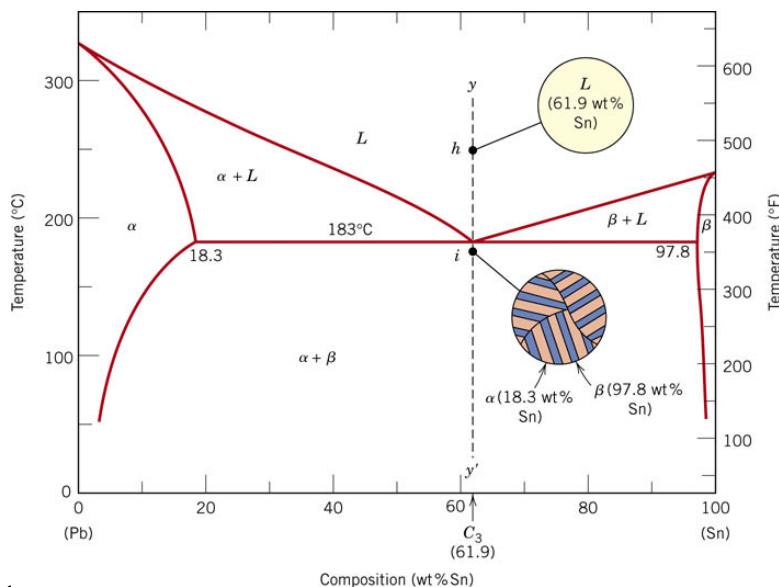
Chapter 9: Phase diagrams

Microstructural development



Chapter 9: Phase diagrams

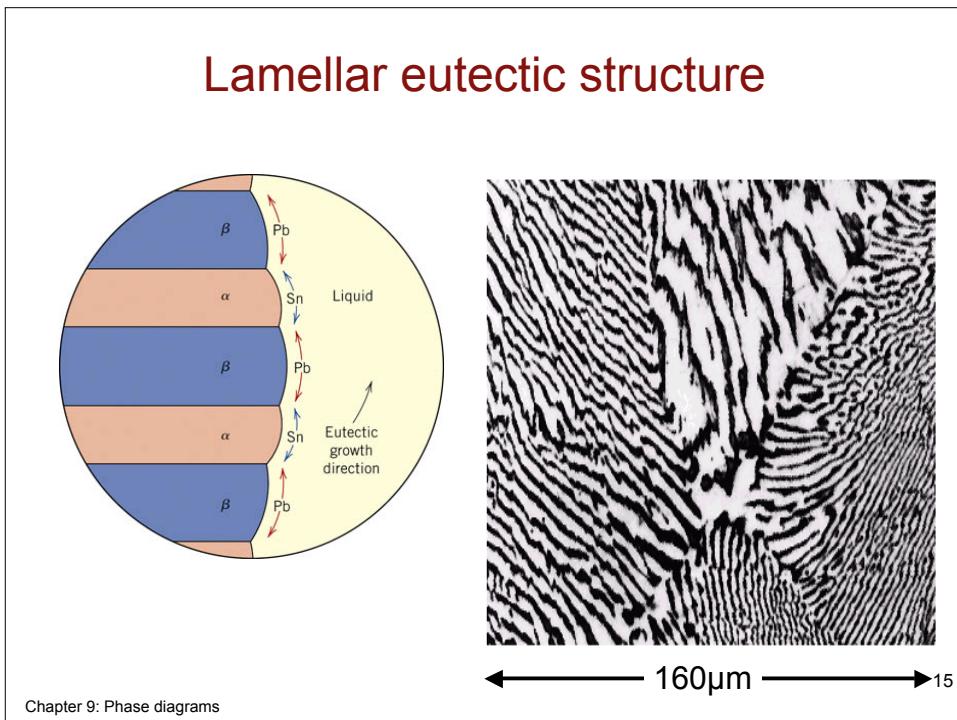
Eutectic solidification



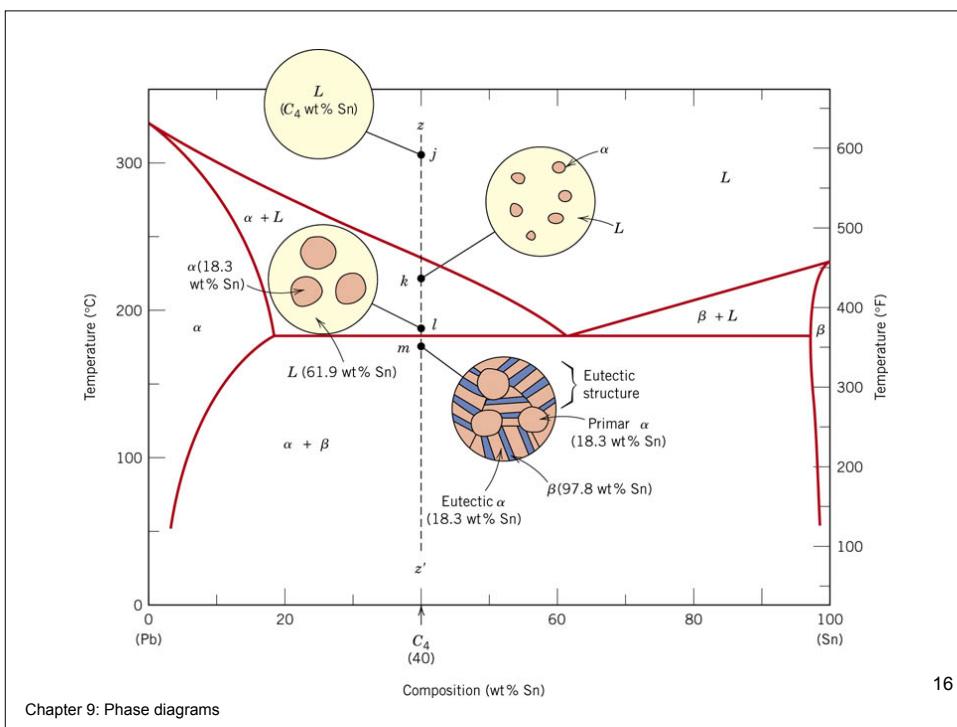
Chapter 9: Phase diagrams

14

Lamellar eutectic structure

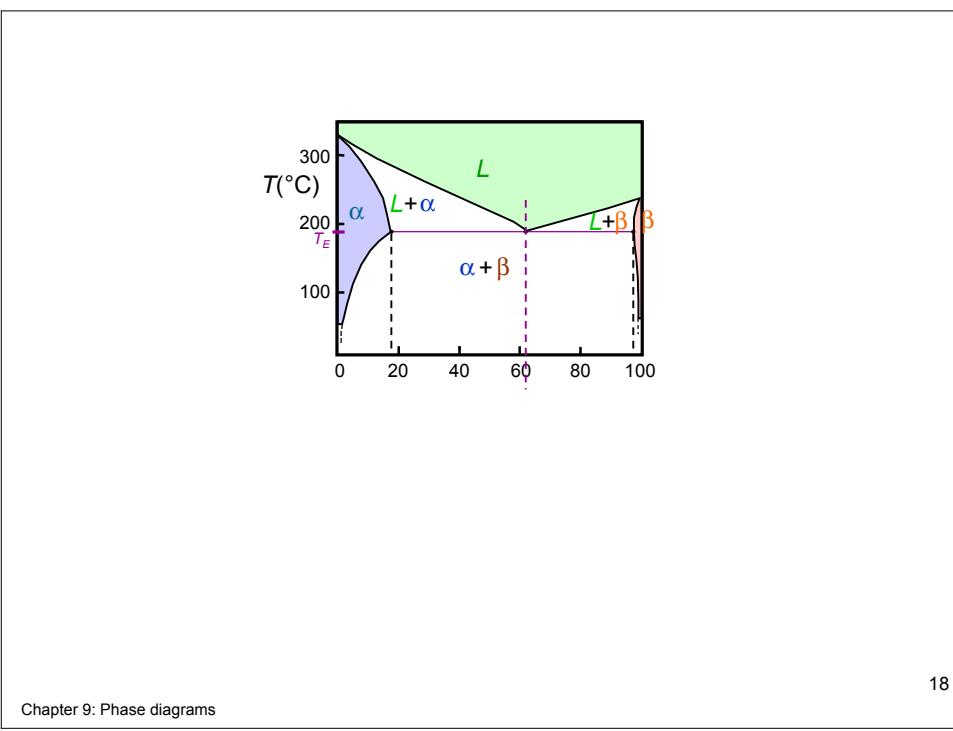
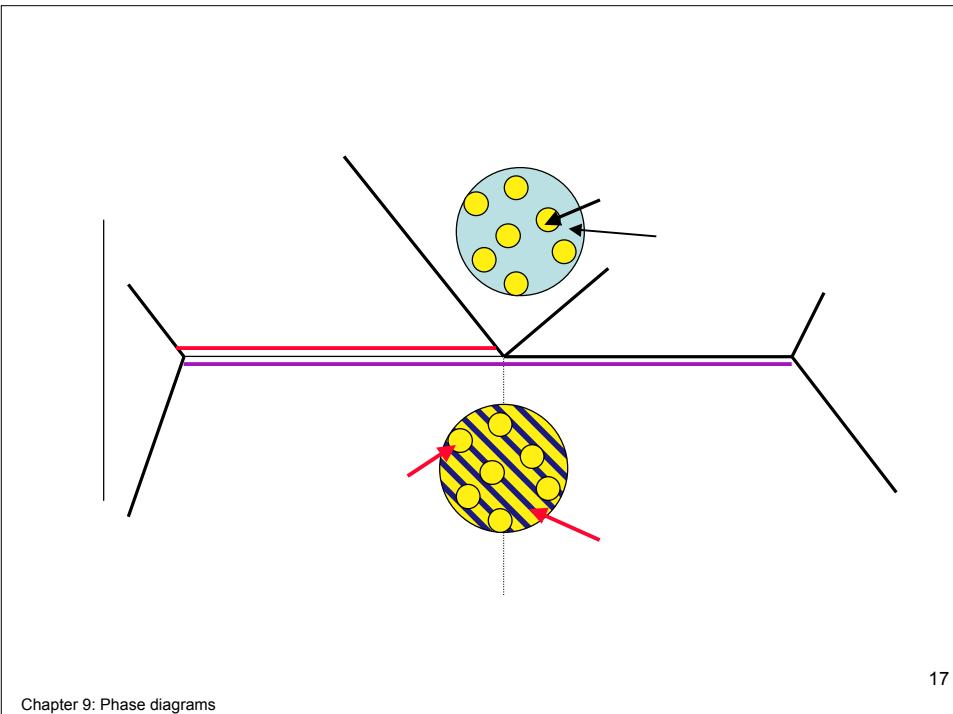


Chapter 9: Phase diagrams

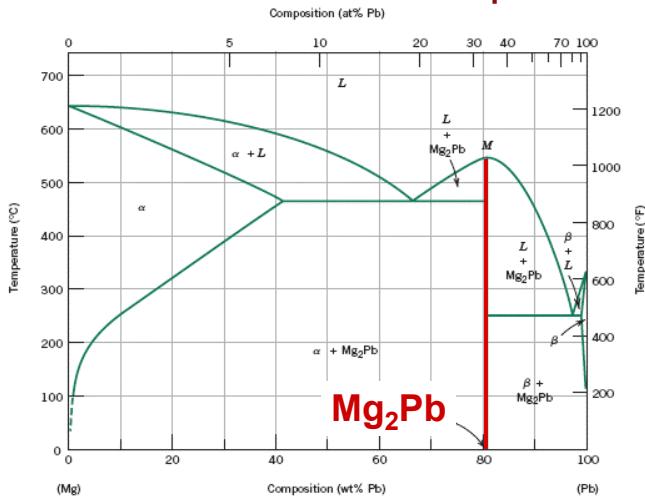


Chapter 9: Phase diagrams

16



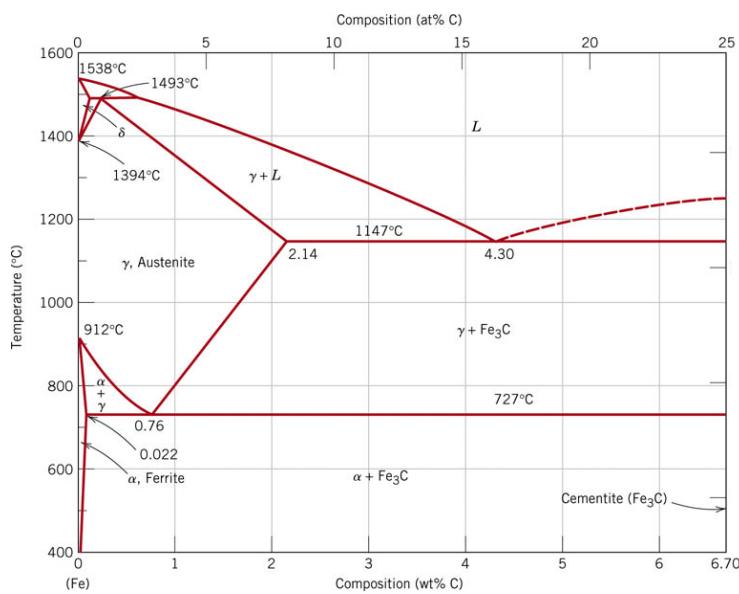
Intermetallic Compounds



19

Chapter 9: Phase diagrams

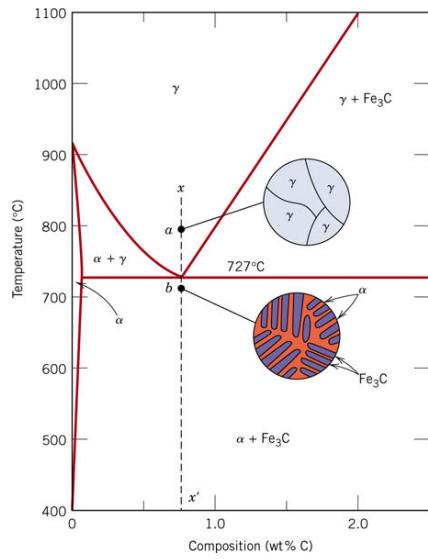
Fe-C phase diagram



20

Chapter 9: Phase diagrams

10



21

Chapter 9: Phase diagrams

