

Chapter 11.8 Bonding in Solids lecture Worksheet

Types of Solids

There are two main structure of Solids

1) Amorphous Solid: _____

For Example: _____

2) Crystalline Solid: _____

For Example: _____

Type of Crystalline Solid	Form of Unit Particles	Forces between Particles	Properties	Examples

Practice

Determine the type of solid and the forces holding the particles together for each of the following.

Compound	Type of Solid	Forces
SiO ₂	_____	_____
NaNO ₃	_____	_____
C ₂ H ₆	_____	_____
CO ₂	_____	_____
C(diamond)	_____	_____
Al	_____	_____
Kr	_____	_____
H ₂ O	_____	_____