

Types of Solids

1. Describe an amorphous solid. Give an example.
2. Describe a crystalline solid, and give an example.
3. List the four types of crystalline solids and give an example of each. Indicate the types of particles in each class of solid.
4. Boron Nitride, BN, is a crystalline solid that has a melting point of 2973 °C. It does not conduct electricity in its molten state and does not dissolve in water, acids, or bases. What class of solid is this?
5. A crystalline solid has a melting point of 186 °C. It does not conduct an electrical current in its molten state or when dissolved in water. This is an example of what type of solid?