

Non Sibi High School

Andover's Chem 550/580: Advanced Chemistry

Chapter 12, Review Quiz 1

1

Rank the compounds KI, MgCl₂, MgF₂ and SiCl₄ from lowest to highest melting point.

2

State whether each of the following is a good or poor conductor of electricity in the solid state:

- a. Na₂SO₄
- b. Xe
- c. SiC
- d. Zn

3

Rank the following from lowest to highest boiling point:

CH₃NH₂, CO, H₂, N₂, SiO₂

4

Predict whether each solute below will dissolve to a greater extent in carbon tetrachloride or water:

- a. H₂O₂
- b. Br₂
- c. HCN
- d. NH₄NO₃



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