

Answer on Question #44488 - Chemistry – Inorganic Chemistry

Solid oxygen pale blue colour what reason

Answer:

It is known that there are six of the solid phase oxygen. They differ from each other crystal lattice structure, electrical and magnetic properties as well as color. Blue modification of oxygen exists at atmospheric pressure and at 23 K. temperature Its blue color is due to the strong absorption in the infrared and red portion of the visible spectrum. as a molecular grating, need very little energy that used to destroy it.