

Crystallography

What is a **crystal**?

Complex description : A piece of a homogeneous solid substance having a natural geometrically regular form with symmetrically arranged plane faces.

Easier : A solid where atoms are ordered in space

What is a unit cell?

A crystal building block – consisting of more than 1 Atom/molecule

What does the term packing ratio mean?

Ratio of atom volume/ Unit Cell volume

What material property does packing ratio affect

Density