

Question 1404091210

Sintering of powder materials to evaluate final material properties

• Sintering powder

Sintering powder is based on compactation of powder and sintering due to temperature. Currently different steps are defined for the process to achieve the final shape with homogeneous porosity and final material properties.

We are looking for a simulation able to place powder on a cavity using for example particle elements and compact them by applying pressure to define final state.

Powder must be particles or similar and final part can be simulated as solid with particle properties to define porosity, density, stiffness...

