

CERAMIC AND COLLOIDAL PROCESSING - EXERCISES

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Exercises 12

1. What are the main driving forces (energies) involved in sintering?
2. Give a solid phase sintering mechanism i) with shrinkage and ii) without shrinkage
3. How can the homogeneity of the green body influence the microstructure of a sintered ceramic?
4. What are the different stages of sintering in the solid phase?