

CERAMIC AND COLLOIDAL PROCESSING - EXERCISES

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Exercises session 1

1. What are the typical properties of ceramics and give an example ceramic for each property?
2. Why is shaping by powder processing (powder technology) the main route?
3. What are the two main categories of raw materials (ceramic powders)?
4. What is the biggest difference between these two categories of raw materials?
5. What are the general properties of a powder needed for the manufacture of ceramics?
6. Discuss the impact of ceramics in everyday life for the general public.