

CERAMIC AND COLLOIDAL PROCESSING - EXERCISES

Prof. Paul Bowen
Dr. Andrea Testino
2020

Exercises 10

1. **What are the different types of rheological behavior possible for ceramic suspensions?**
2. **How does the rheology of a ceramic suspension vary as a function of the pH and the volume fraction of the solids? Why ?**
3. **What is the effect of agglomeration on the rheology of a suspension?**
4. **What are the different possible mixing mechanisms?**
5. **What type of mixer is well suited for i) dry powders ii) suspensions iii) thick pastes?**
6. **What are the different types of defects that can be found in granules produced by spraying?**