

CERAMIC AND COLLOIDAL PROCESSING - EXERCISES

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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?**