

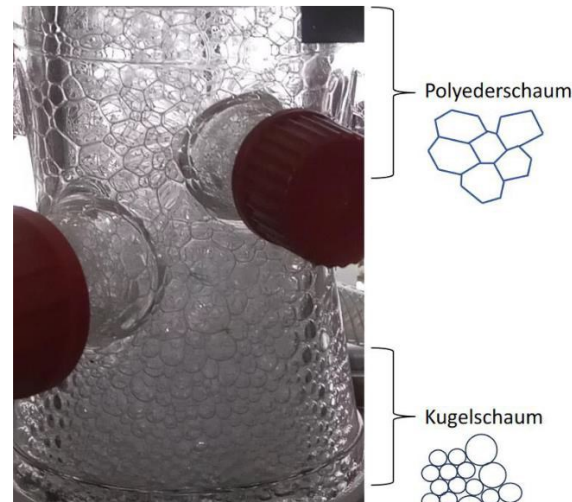
Evaporation-induced foams – Formation and characterization

Why are evaporation-induced foams a challenge?

- Reduced product quality
- Increased cleaning effort
- Equipment failure
- Poor predictability



Evaporation
induced
foaming



Polyederschäum

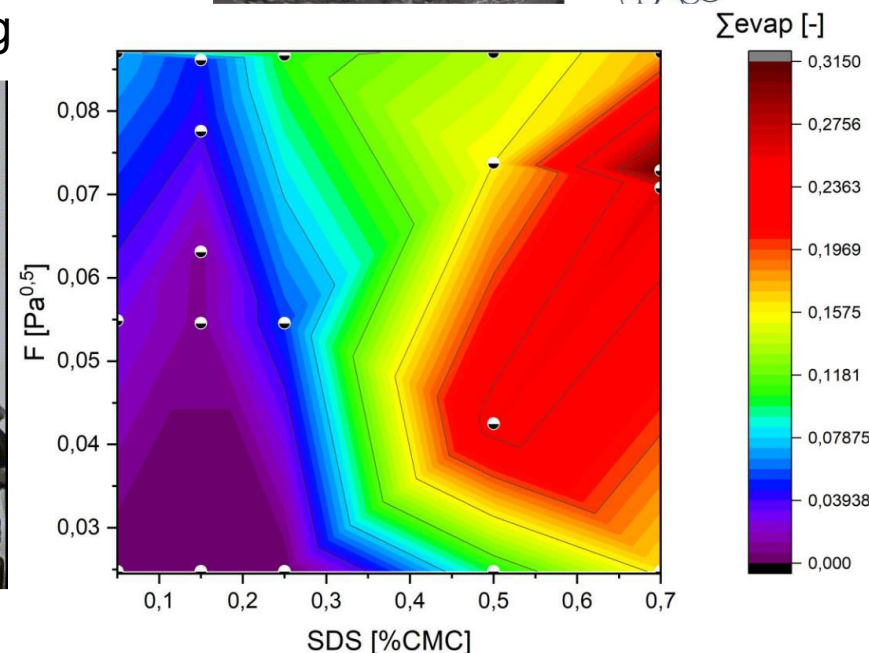
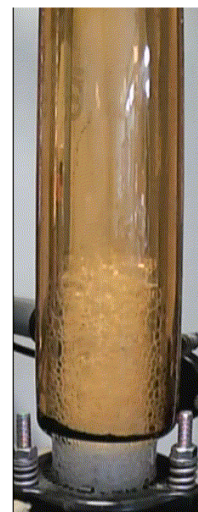


Kugelschäum



Possible Work Packages

- **Commissioning of an industrial measurement cell**
 - For foam characterization
- **Experiments in the measurement cell**
 - Foam formation, stability, and decay
- **Comparison with the miniplant unit**
 - Supplementary experiments and validation with measurement data
- **Assessment of transferability**
 - Evaluation of applicability of results



What does this topic offer you?

- Participation in current research topics with application fields in many companies
- Improved understanding of fluid dynamics and heat transfer
- Industry-related research question and work with strong practical relevance

When can I start?

From October 1st or by arrangement.

Where do I apply?



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