

Dataset from EPSRC 'Predictive Formulation of high solids-content dispersions' project, 09/16-09/19

Data represents rheological measurements under various conditions of flow:

Shear flow – as measured in DHR rheometer: all in folder 'Shear Data' and subfolders

Squeeze flow – as measured in DHR rheometer and Anton Paar rheometer: all in folder 'squeeze flow data'

Creep and relaxation tests – as measured in Haake Caber: all in folder 'squeeze flow data'/subfolder 'creep and relaxation tests'. Data is represented in xlsx format. Some 'raw data' is in .cbr Caber proprietary format but is all represented in the xlsx compiled/analysed data files.

Materials: the majority of work is on cornstarch suspensions in glycerol/water mixed solvent, as indicated by subfolder and file nomenclature.

There is some base data using pure glycerol for testing: in folder 'squeeze flow data'/subfolder 'glycerol'.

The majority of data are in xlsx (Excel) format or in opj (Origin Project) format. Open source/free readers are available for these formats although further analysis and editing would require the full software versions.

There are some additional representations of results in pdf and pptx formats.