

Preparing for process characterization activities

Challenge



Support required for process characterization activities

- The client has produced several batches of product and wishes to use the different results from the manufacturing campaign to start process characterization activities
- A large dataset is provided containing information on process parameters and material attributes across the process
- Client project was blocked due to lack of internal process characterization capabilities

Solution



Produced a massive graphical assessment of the dataset

- Highlighted potential outliers and data errors
- Established preliminary operating ranges for all process parameters considered
- Established control and warning limits for all attributes considered

Outcome



Project moved ahead thanks to analysis results

- All tasks delivered within defined time frame