

1. Which projects make use of the data set?
  - Project B1: Modelling and controlling thermo-kinetic coating processes
  - Project C2: Experimental Designs for Dynamic Processes
2. Data format
  - Textformat
3. Data size
  - 30 rows, 6 columns
4. Explanation of the variables?
  - K: Kerosene in  $\frac{l}{h}$ 
    - 2: 15
    - 1: 17.5
    - 0: 20
    - 1: 22.5
    - 2: 25
  - L: Ratio between O<sub>2</sub> flow and kerosene
    - 2: 1.0
    - 1: 1.075
    - 0: 1.15
    - 1: 1.225
    - 2: 1.3
  - SOD: Standoff distance in mm
    - 2: 200
    - 1: 225
    - 0: 250
    - 1: 275
    - 2: 300
  - FDV: Feeder Disc Velocity in %
    - 2: 5
    - 1: 10
    - 0: 15
    - 1: 20
    - 2: 25
  - Ve: Particle velocity in  $\frac{m}{s}$
  - Te: Particle temperature in °C
  - In: Flame intensity
  - Wi: Flame width in mm
5. Source of the data?
  - Real experiments