

1. Which projects make use of the data set?  
Project B1: Modelling and controlling thermo-kinetic coating processes
2. Data format
  - Textformat
3. Data size
  - 30 rows, 13 columns
4. Explanation of the variables?
  - K: Kerosene in  $\frac{l}{h}$
  - L: Ratio between O<sub>2</sub> flow and kerosene
  - SOD: Standoff distance in mm
  - FDV: Feeder Disc Velocity in %
  - Ve: Particle velocity in  $\frac{m}{s}$
  - Te: Particle temperature in °C
  - In: Flame intensity
  - Wi: Flame width in mm
  - Ha: Hardness in HV0,1
  - Rz, Ra: Values for roughness in  $\mu m$
  - De: Deposition efficiency in %
  - Po: Porosity in %
5. Source of the data?
  - Real experiments with standard WC-12Co powder.