

1. Which projects make use of the data?
Project B1: Modelling and controlling thermo-kinetic coating processes
2. Data format
 - Textformat
3. Data size
 - Two data sets:
 - a) Juli 2011_1.txt: 8 rows, 8 columns
 - b) Juli 2011_2.txt: 4 rows, 12 columns
4. Explanation of the variables
 - Ve: Particle velocity in m/s
 - Te: Particle temperature in °C
 - In: Flame intensity
 - Wi: Flame width
 - Ha: Hardness in HV0,1
 - Por: Porosity in %
 - Th: Thickness
 - De: Deposition rate in %
 - L: ratio between O_2 flow and kerosene
 - 2: 1.3
 - 2: 1.0
 - 0: 1.15
 - 1: 1.075
 - 1: 1.225
 - K: Kerosine level in $\frac{l}{h}$
 - 2: 25
 - 2: 15
 - 0: 20
 - 1: 17.5
 - 1: 22.5
 - SOD: Standoff distance in mm
 - 2: 300
 - 2: 200

0: 250

-1: 225

1: 275

- FDV: Powder flow in %

2: 25

-2: 5

0: 15

-1: 10

1: 20

5. Source of the data

- Real experiments