

1. Which projects make use of the data set?
Project B1: Modelling and controlling thermo-kinetic coating processes
2. Data format
 - Excelformat
3. Data size
 - 21 rows, 11 columns
4. Explanation of the variables?
 - Ve: Particle velocity in m/s
 - Te: Particle temperature in °C
 - Hä: Hardness in HV0,1
 - Rz, Ra: Values for roughness in μm
 - Por: Porosity in %
 - O2: O_2 flow in $\frac{l}{min}$
 - +: 1000
 - : 600
 - 0: 800
 - K: Kerosene $\frac{l}{h}$
 - +: 30
 - : 10
 - 0: 20
 - SOD: Standoff distance in mm
 - +: 400
 - : 100
 - 0: 250
 - Noz: Nozzle length in INCH
 - +: 8
 - : 4
 - 0: 6
 - FDV: Powder flow in %
 - +: 25
 - : 5
 - 0: 15

- CgL: Carrier gas in $\frac{l}{min}$
 - +: 11
 - : 9
 - 0: 10
- BurV: Gun velocity in $\frac{mm}{min}$
 - +: 30.000
 - : 10.000
 - 0: 20.000

5. Source of the data?

- Real experiments