

# Material Testing

These 5 tests have the goal to find out the basic properties of our material with the limited resources our lab has to offer.

## **ME: measure length width and height**

### **WE: weight-test**

- weigh the plate and 1 L beaker
- put the microwave plate on top of the brick and the beaker
- pour water into the beaker until the brick crumbles → write down the weight

### **VO: voltage test**

- measure the voltage

### **TE: temperature resistance**

- cubes at 60°C for 1h
- repeat the weight-test

### **WA: water resistance**

- pipette 500 uL on top of the brick
- wait 5 minutes
- repeat the weight-test
- do the same experiment again with an additional 1 mL of water