

## Messwerte zum Millikanversuch

d in mm                    5  
ρ in kg/m<sup>3</sup>                874  
η in Ns/m<sup>2</sup>    0.0000181  
g in m/s<sup>2</sup>                9.81  
s in mm                    1

t/s	U/V
16	205
22.5	365
20.5	405
13.5	270
17	290
21.5	390
11.5	325

Messformel:

$$Q = \frac{6\pi \cdot d \cdot \eta \cdot v}{U} \cdot \sqrt{\frac{9 \cdot \eta \cdot v}{2 \cdot \rho \cdot g}}$$