

Messtabelle

Tröpfchen	time_fall[s]	time_rise[s]	v_fall[m/s]	v_rise[m/s]	Spannung[V]	Luftviskosität[Ns/m²]	d[m]	b	Dichte[kg/m³]	Luftdruck[Pa]	E[V/m]	Ladung[C]	n
1	23.59	2.49	2.12E-05	2.01E-04	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	3.2748E-19	2
2	23.16	5.91	2.16E-05	8.46E-05	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	1.58517E-19	1
3	25.21	5.76	1.98E-05	8.68E-05	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	1.50681E-19	1
4	20.23	5.33											
5	24.49	5.61	2.04E-05	8.91E-05	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	1.57725E-19	1
6	25.31	2.54	1.98E-05	1.97E-04	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	3.05277E-19	2
7	24.46	2.53	2.04E-05	1.98E-04	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	3.14236E-19	2
8	27.13	5.36	1.84E-05	9.33E-05	585	1.81E-05	7.60E-03	8.20E-03	886	94364	76973.68	1.50462E-19	1
9	29.26	3.98	1.71E-05	1.26E-04	586	1.82E-05	7.60E-03	8.20E-03	886	94364	77105.26	1.84921E-19	1
10	29.54	1.28											
11	40.54	4.46	1.23E-05	1.12E-04	586	1.82E-05	7.60E-03	8.20E-03	886	94364	77105.26	1.29387E-19	1
12	38.78	3.86	1.29E-05	1.30E-04	586	1.82E-05	7.60E-03	8.20E-03	886	94364	77105.26	1.52675E-19	1
13	37.99	2.21											
14	43.44	3.96	1.15E-05	1.26E-04	586	1.82E-05	7.60E-03	8.20E-03	886	94364	77105.26	1.36554E-19	1
15	31.74	4.13	1.58E-05	1.21E-04	586	1.82E-05	7.60E-03	8.20E-03	886	94364	77105.26	1.67948E-19	1
16	27.61	2.21	1.81E-05	2.26E-04	580	1.82E-05	7.60E-03	8.20E-03	886	94364	76315.79	3.31156E-19	2
17	41.23	1.11	1.21E-05	4.50E-04	580	1.82E-05	7.60E-03	8.20E-03	886	94364	76315.79	4.78529E-19	3
18	46.39	1.11											
19	46.94	1.76	1.07E-05	2.84E-04	580	1.82E-05	7.60E-03	8.20E-03	886	94364	76315.79	2.78535E-19	2
20	43.56	0.89											
21	44.78	4.24											
22	35.63	2.06	1.40E-05	2.43E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94364	76710.53	2.92545E-19	2
23	38.99	3.98	1.28E-05	1.26E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94364	76710.53	1.48352E-19	1
24	38.33	1.26	1.30E-05	3.97E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94364	76710.53	4.44344E-19	3
25	34.56	2.01	1.45E-05	2.49E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94364	76710.53	3.06171E-19	2
26	48.44	2.09											
27	47.74	1.91											
28	13.78	1.64											
29	14.89	12.63	3.36E-05	3.96E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.45546E-19	1
30	33.91	4.79	1.47E-05	1.04E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.39634E-19	1
31	17.33	9.58	2.89E-05	5.22E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.46738E-19	1
32	16.33	9.26	3.06E-05	5.40E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.58979E-19	1
33	18.73	8.59	2.67E-05	5.82E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.46416E-19	1
34	16.79	9.36	2.98E-05	5.34E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.53642E-19	1
35	17.91	8.68	2.79E-05	5.76E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.51688E-19	1
36	16.59	8.61	3.01E-05	5.81E-05	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.64117E-19	1
37	26.39	0.94	1.89E-05	5.32E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	7.66607E-19	5
38	26.34	1.41	1.90E-05	3.55E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	5.20555E-19	3
39	30.23	1.51	1.65E-05	3.31E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	4.42425E-19	3
40	28.14	1.03	1.78E-05	4.85E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	6.71415E-19	4
41	34.09	1.43											
42	33.53	2.41											
43	30.08	2.38	1.66E-05	2.10E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	2.89452E-19	2
44	28.29	4.83	1.77E-05	1.04E-04	582	1.82E-05	7.60E-03	8.20E-03	886	94472	76578.95	1.61141E-19	1
45	63.93	1.66											
46	62.84	2.34	7.96E-06	2.14E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	1.69028E-19	1
47	62.03	0.83	8.06E-06	6.02E-04	583	1.82E-05	7.60E-03	8.20E-03	886	94472	76710.53	4.70032E-19	3
												9.31291E-18	60