

Test Certificate

Metals Tensile Test

Test standard.....HRN ISO 6892

Tester.....Ener Spada

Material.....Plastika

Supplier.....EVSYS

Tested on.....2025-09-05

Rn. LAB.....2025/EVSYS istrazivanje

Testing machine.....Beta250

Axial extensometer.....ME53

Pretension.....5 MPa

Gripped length.....100 mm

Test speed 1.....0 % -> 5.00 mm/min

Artikel / Projekt.....celik

Parameter set.....HRN EN ISO 6892

Legend

BNo.....Batch number

a.....Thickness

b.....Width

S0.....Cross-sectional area

L0.....Gauge length

ReL.....Lower yield stress

ReH.....Upper yield stress

Rp0.2.....Proof stress at 0.2%

Rm.....Tensile strength

Fm.....Maximum load

A.....Breaking elongation

E.....E-Modulus

Test No	BNo	a mm	b mm	S0 mm ²	L0 mm	ReL MPa	ReH MPa	Rp0.2 MPa	Rm MPa	Fm kN	A %	E GPa
1363	2025/EVSYS test1	10.00	10.00	100.0	45.00	n.a.	n.a.	n.a.	24.23	2.423	-6.500	-0.657
1364	2025/EVSYS test2	10.00	10.00	100.0	45.00	n.a.	n.a.	n.a.	23.56	2.356	-8.098	-1.150
1365	2025/EVSYS te2-2	10.00	10.00	100.0	45.00	28.55	28.71	n.a.	28.60	2.860	-2.263	0.302
1366	2025/EVSYS v1	10.00	9.920	99.20	45.00	n.a.	n.a.	n.a.	7.845	0.778	-1.417	-0.367
1367	2025/EVSYS v2	9.990	9.960	99.50	45.00	n.a.	n.a.	n.a.	33.15	3.299	-3.737	-0.995
1368	2025/EVSYS v3	9.860	9.900	97.61	45.00	n.a.	n.a.	n.a.	8.139	0.794	-1.774	-0.719
1369	2025/EVSYS v4	10.00	9.930	99.30	45.00	n.a.	n.a.	n.a.	28.12	2.792	-3.143	-0.877
1370	2025/EVSYS v5	9.990	9.900	98.90	45.00	n.a.	n.a.	n.a.	24.95	2.468	-3.065	-0.780
1371	2025/EVSYS v6	9.990	9.930	99.20	45.00	n.a.	n.a.	n.a.	28.43	2.821	-4.748	-0.449
1372	2025/EVSYS v6-2	9.990	9.930	99.20	45.00	n.a.	n.a.	n.a.	28.94	2.871	-4.367	-0.864
1373	2025/EVSYS v7	9.990	9.920	99.10	45.00	n.a.	n.a.	n.a.	24.45	2.423	-3.901	-0.711
1374	2025/EVSYS v8	10.00	9.910	99.10	45.00	13.54	n.a.	13.54	19.08	1.891	11.16	0.138
1375	2025/EVSYS v9	9.990	9.930	99.20	45.00	23.66	n.a.	23.66	24.51	2.431	0.834	0.617
1376	2025/EVSYS v10	10.00	9.900	99.00	45.00	n.a.	n.a.	n.a.	34.32	3.398	-1.386	-1.035
1377	2025/EVSYS v102	10.00	9.900	99.00	45.00	n.a.	n.a.	n.a.	33.02	3.269	-1.565	-1.127
1378	2025/EVSYS v103	10.00	9.900	99.00	45.00	n.a.	n.a.	n.a.	34.45	3.410	-8.449	-0.479
1379	2025/EVSYS v11	9.990	9.930	99.20	45.00	12.73	22.15	n.a.	14.69	1.457	7.339	-0.912
1380	2025/EVSYS v112	9.990	9.930	99.20	45.00	12.76	17.44	n.a.	13.70	1.360	4.731	-1.134
1381	2025/EVSYS v113	9.990	9.930	99.20	45.00	n.a.	n.a.	n.a.	32.43	3.218	-7.696	-1.654
1382	2025/EVSYS v12	10.00	9.930	99.30	45.00	n.a.	n.a.	n.a.	27.87	2.768	-4.585	-0.692
1383	2025/EVSYS v13	10.00	9.900	99.00	45.00	n.a.	n.a.	n.a.	24.97	2.472	-3.170	-0.642
1384	2025/EVSYS v14	9.990	9.930	99.20	45.00	n.a.	n.a.	n.a.	25.48	2.527	-5.585	-0.837
1385	2025/EVSYS v142	9.990	9.930	99.20	45.00	n.a.	n.a.	n.a.	22.82	2.264	-4.392	-0.485
1386	2025/EVSYS v15	9.990	9.920	99.10	45.00	n.a.	n.a.	n.a.	36.80	3.647	-4.163	-0.985
1387	2025/EVSYS v16	10.00	9.910	99.10	45.00	n.a.	n.a.	n.a.	25.13	2.491	-0.992	-1.695
1388	2025/EVSYS v17	9.990	9.920	99.10	45.00	n.a.	n.a.	n.a.	32.34	3.205	-2.811	-1.069
1389	2025/EVSYS v172	9.990	9.920	99.10	45.00	n.a.	n.a.	n.a.	41.48	4.111	-5.088	-0.827
1390	2025/EVSYS v18	9.990	9.980	99.70	45.00	n.a.	n.a.	n.a.	22.69	2.263	-2.399	-0.988
Mean:		9.990	9.931	99.20	45.00	18.25	22.77	18.60	25.94	2.574	-2.544	-0.753
Std.dev.:		0.026	0.030	0.435	0.000	7.385	5.660	7.156	7.985	0.792	4.316	0.500