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# AUSTENITIC-FERRITIC DUPLIX STEELS – MATERIAL DATA SHEET

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# Austenitic-Ferritic Duplex Steels

The specified mechanical properties refer to an annealed tube version. Other comparable materials are available upon request.

Steel grade	Standard	C max. [%]	Cr [%]	Mo [%]	Ni [%]	Others [%]	Rp0,2 min. [MPa]	Rm min. [MPa]	A5 min. [%]
1.4162	VdTÜV - Wb556	0.035	21.00 - 22.00	0.10 - 0.80	1.35 - 1.70	Mn 4.00 - 6.00 / Cu 0.10 - 0.80 / N 0.20 - 0.25	515	700 - 900	25
1.4362	EN 10217-7	0.030	22.00 - 24.00	0.10 - 0.60	3.50 - 5.50	N 0.05 - 0.20 / Cu 0.10 - 0.60	400	600 - 820	25
1.4462	EN 10217-7	0.030	21.00 - 23.00	2.50 - 3.50	4.50 - 6.50	N 0.10 - 0.22	450	700 - 920	25
1.4501	EN 10217-7	0.030	24.00 - 26.00	3.00 - 4.00	6.00 - 8.00	W 0.50 - 1.00 / N 0.20 - 0.30 / Cu 0.50 - 1.00	550	800 - 1000	20