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TITANIUM – MATERIAL DATA SHEET

SCHOELLER | NOV 2024

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

Steel grade	Standard	Descr.	C max. [%]	O max. [%]	Fe max. [%]	H max. [%]	N max. [%]	Ti [%]	Rp0,2 min. [MPa]	Rm min. [MPa]	A5/A ⁴ * min. [%]
3.7025	VdTÜV - Wb230/2	Ti 1	0.060	0.12	0.15	0.013	0.05	Rest	180	290 - 410	30
Titanium Grade 1	ASTM B 338		0.080	0.18	0.20	0.015	0.03	Rest	138 - 310	240	24*
3.7035	VdTÜV - Wb230/2	Ti 2	0.060	0.18	0.20	0.013	0.05	Rest	250	390 - 540	22
Titanium Grade 2	ASTM B 338		0.080	0.25	0.30	0.015	0.03	Rest	275 - 450	345	20*