

Data Sheet — Titan Grade 4

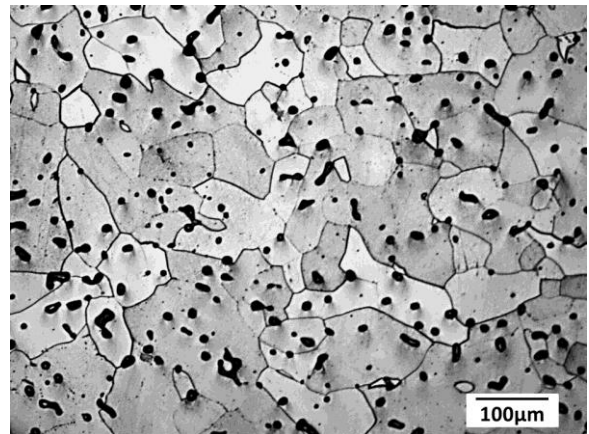
for technical applications

Comparable Standards	DIN 3.7065	ASTM grade 4	UNS R50700
	ISO 22068 MIM-Ti-400		

Composition	Fe	C	O	N	others
min (wt%)	-	-	-	-	-
max (wt%)	Bal.	0.2	0.4	0.1	1.0

Typical Properties	Density	Hardness	R _m	R _{p0.2}	A ₁₀
	g/cm ³	HV10	MPa	MPa	%
as sintered	≥ 4.2	≥ 150	≥ 500	≥ 400	≥ 5

Microstructure	as sintered
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Characteristics	Non-magnetic, lightweight alloy with a high corrosion resistance
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Typical Applications	aviation and aerospace, motorsport, watchmaking industry, food industry, medical engineering, prosthetic dentistry, sport goods
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These data presented here are based on our current knowledge and experience, but no liability can be assumed.