



TC4

composition
after sintering

O%	C%	H%	N%	Fe%	Al%	V%	Ti
≤0.2	≤0.1	≤0.015	≤0.04	≤0.3	5.5-6.75	3.5-4.5	balance

standards

GB TC4 ; ASTM B348-02 Ti-6Al-4V Grade5

as sintered

Density\g/cm³

≥4.2

Yield Strength R_{P0.2}\Mpa

≥720

Ultimate Tensile Strength\Mpa

≥900

Elongation\%

≥5

Hardness

300 HV1

Characteristic
Properties