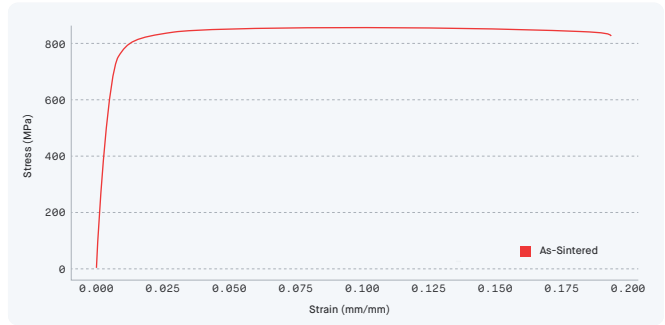


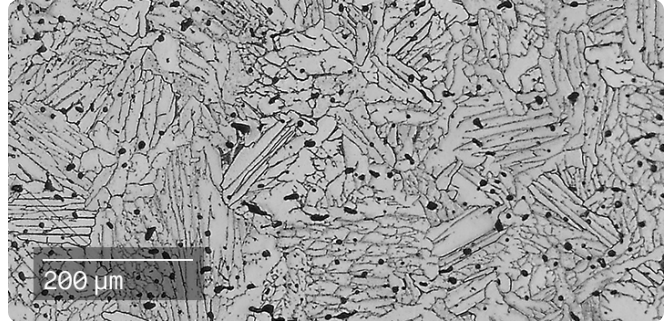
[Material Data Sheet]

Ti64 Titanium Alloy



COMPOSITION %

Ti	balance
Al	5.5 - 6.75
V	3.5 - 4.5



MECHANICAL PROPERTIES

	Standard	Studio System™ As-Sintered	MIM - ASTM F2885 Min ¹ As-Sintered	MIM - ASTM F2885 Min ¹ Densified Post Sintering
Ultimate tensile strength (MPa)	ASTM E8M	845	780	900
Yield strength (MPa)	ASTM E8M	730	680	830
Elongation (%)	ASTM E8M	17	10	10
Density (relative)	ASTM B311	97.5 %	96 %	98%

OTHER STANDARD DESIGNATIONS¹

UNS R56400

1. Per ASTM F2885 - 17 Standard Specification for Metal Injection Molded Titanium-6Aluminum-4Vanadium Components for Surgical Implant Applications. End-use material performance is impacted (+/-) by certain factors including but not limited to part geometry and design, application and evaluation conditions, etc. Tensile properties and density data reported are mean values minus 1 sigma. Samples are oriented in Xy and printed with a maximum wall thickness.