

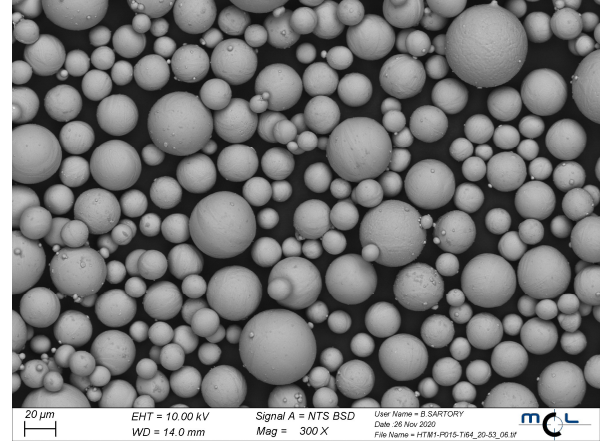
Titanium alloy: MET Ti Grade 5

Alternative designation: Ti6Al4V / Ti64

Description and general material properties

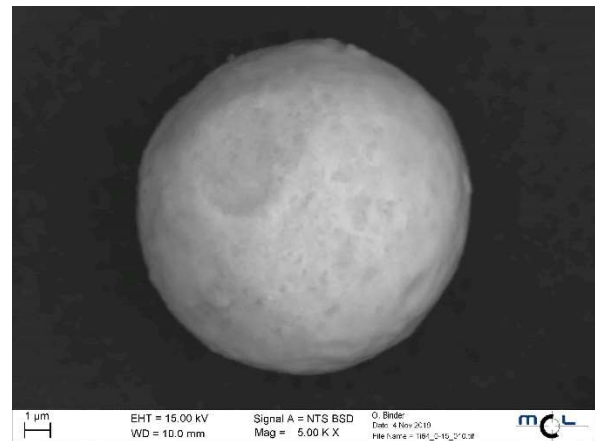
MET Ti6Al4V, or Grade 5 titanium, is the most used of all titanium alloys. Its usability lies in its many benefits. MET Ti6Al-4V may be heat treated to increase its strength. It can be used in welded construction at service temperatures of more than 300°C. This alloy offers its high strength at a light weight, useful formability and high corrosion resistance.

MET Ti6Al-4V is used in many industries such as aerospace, medical, marine and chemical processing industries, for example in aircraft turbines, engine components, aircraft structural components, aerospace fastener, high-performance automatic parts, marine applications, or even sports equipment.



Powder characteristics

Chemical composition		
Element	Min [wt%]	Max [wt%]
Al	5,5	6,75
V	3,5	4,5
Fe		0,4
O		0,2
C		0,08
N		0,05
Ti	Balance	Balance



Important note:

These goods are subject to the European or Austrian export license requirement when exported from the EU. Please note that a licensing requirement may also result from the final destination and the intended use of the goods (dual-use)!

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