

# TMP-TC4-AM

June 2021



Alloy	Ti	Al	V	Fe	O	Others
TMP-TC4-AM	Balance	5.5-6.75	3.5-4.5	≤0.3	≤0.13	C, N, H
<b>Powder Morphology:</b>	Gas Atomized					
<b>Particles Sizes Available:</b>	15-45 μm, and others upon request					
<b>Particle Size Distribution:</b>	D10		D50		D90	
	18.49μm		33.04μm		51.25μm	
<b>Apparent Density:</b>	2.44g/cm <sup>3</sup>					
<b>Tap Density:</b>	2.68g/cm <sup>3</sup>					
<b>Flow Rate:</b>	37.5s/50g					

**Application:**

- Implants and prostheses
- Gas turbines
- Aerospace and marine parts

**Manufacturing Process:**

- Additive Manufacturing

**Hazards:**

Observe safe practices.  
See TMetal material safety data sheet for details.

**Packaging:**

5kg/ bottle, others upon request

**Product Overview**

**TMP-TC4-AM** is an alpha-beta titanium alloy with excellent corrosion resistance and high specific strength. With its low density and excellent corrosion resistance, it has become one of the most used titanium alloys. Products and parts made with TMP-TC4 can be found in a wide range of industries, including aerospace, marine, and biomechanical fields.

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