

# Titanium Sponge

## Titanium Angular Powder



### HIGH PERFORMANCE PARTS START WITH HIGH PERFORMANCE POWDER

Titanium angular metal powder is produced from the screening of titanium sponge fines and uses our expertise in sizing to produce the highest quality metal powders for your needs. Titanium angular metal powder has excellent mechanical properties including high-strength, low density with excellent corrosion resistance making this material perfect for medical equipment components, photovoltaics, semiconductors and sputtering targets. 6K Additive's titanium angular powder delivers high quality, consistent material properties and our process allows for maximum control of particle size distribution to produce your desired PSD. Various sizes available upon customer request.

6K Additive's sustainable process for producing metal powders utilizes many different streams for feedstock creating a secure, domestic supply.

### 6K Additive Premium Titanium Powders

- Ultra Clean
- Exceptional Lot to Lot Consistency
- Tailored to your specific PSD
- Customized closed loop recycling systems for ultra-sustainable production

### Key Properties

- Corrosion resistant
- Biocompatible
- High strength to weight ratio
- Fatigue resistant
- Good high temperature mechanical properties

### Industries

- Aerospace
- Automotive
- Medical
- Industrial

#### TYPICAL CHEMISTRY (by wt. %) - Chemistry will be provided by 6K Additive per lot

Titanium	99.400%
Aluminum	0.005%
Chlorine	0.200%
Iron	0.100%
Oxygen	0.110%
Sodium	0.130%
All Other	< 0.01%

#### SIZE AND PACKAGING

55 gallon or 30 gallon (UN certified) steel drums with anti-static liners

Size range from -12 mesh to -325 mesh

Specific sizing as per customer requirements

6K Additive titanium angular powder production is done in the Red Lion, PA facility.