

Material Name: **Titanium Grade 9** / UNS R56320 / Ti-3Al-2.5V / 3.7195

Applicable Standards: ASTM B265 / ASTM B348 / ASTM B338

General Description

Titanium Grade 9 (Ti-3Al-2.5V) offers an excellent compromise between strength and formability. It provides higher strength than commercially pure titanium while maintaining good weldability and corrosion resistance.

Chemical Composition (Typical, %)

C	O	N	H	Fe	Al	V	Ti
≤ 0.08	≤ 0.15	≤ 0.03	≤ 0.015	≤ 0.25	2.50-3.50	2.00-3.00	Balance

Mechanical Properties (Typical, Annealed)

Tensile Strength	Yield Strength (0.2%)	Elongation
≥ 620 MPa	≥ 483 MPa	≥ 15%

Available Product Forms

- Sheets
- Bars
- Tubes