

Material Name: **Titanium Grade 1** / UNS R50250 / 3.7025

Applicable Standards: ASTM B265 / ASTM B348 / ASTM F67 / ASTM B338

General Description

Titanium Grade 1 is the softest and most ductile commercially pure titanium grade.

It offers excellent corrosion resistance, high formability, and outstanding weldability, making it ideal for applications requiring superior chemical stability and ease of fabrication.

Chemical Composition (Typical, %)

C	O	N	H	Fe	Ti
≤ 0.08	≤ 0.18	≤ 0.03	≤ 0.015	≤ 0.20	Balance

Mechanical Properties (Typical, Annealed)

Tensile Strength	Yield Strength (0.2%)	Elongation
≥ 240 MPa	≥ 170 MPa	≥ 24%

Available Product Forms

- Sheets
- Tubes
- Bars