

Specifications:

AMS 4914
UNS R58153
15V-3Cr-3Al-3Sn

Properties:

Density: 4.77 gr/cc
Beta transus: 1400°F

Description:

Titanium 15-3-3-3 is a metastable beta alloy that is high strength and heat treatable often used in the aerospace industry. Ti 15-3-3-3 has excellent cold formability and excellent weldability. This alloy also has an excellent resistance to high oxidation.

Available in multiple sizes and diameters in bar, sheet, strip, and wire.

Chemical Composition (Wt%):

Ti	Al	V	Fe	O	C	Sn	H	Cr	N
BAL	2.5-3.5	14.0-16.0	0.25	0.13	0.05	2.5-3.5	0.02	2.5-3.5	0.05

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.