Titanium Alloy
Titanium CP-3

SPECIFICATIONS

Commercial	AMS-T-9046

Commercially pure Titanium sheet, strip plate for structural applications.

The alloy has moderate strength and excellent cold forming properties. It has excellent welding properties and has excellent resistance to oxidation and corrosion

CHEMICAL COMPOSITION

AMS T 9046
Titanium CP3

Element	% Present
Iron (Fe)	0.3 max
Others (Total)	0.3 max
Oxygen (O)	0.2 max
Other (Each)	0.1 max
Carbon (C)	0.08 max
Nitrogen (N)	0.05 max
Hydrogen (H)	0.02 max
Titanium (Ti)	Balance

ALLOY DESIGNATIONS

Titanium CP-3 is similar to the following specifications **but may not be a direct equivalent:**
SAE AMS 4900
SAE AMS 4901
SAE AMS 4902
SAE AMS 4907
SAE AMS 4909
SAE AMS 4910
SAE AMS 4911
SAE AMS 4911G
SAE AMS 4915
SAE AMS 4916
SAE AMS 4917
SAE AMS 4918
SAE AMS 4919
SAE AMS T 9046
SAE MAM 4911

SUPPLIED FORMS

- Plate
- Sheet
- Strip

MECHANICAL PROPERTIES

AMS T 9046
Titanium CP3

Property	Value
Proof Stress	276 - 448 MPa
Tensile Strength	345 Min MPa
Elongation A50 mm	20 Min %

CONTACT

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REVISION HISTORY

Datasheet Updated	19 February 2015

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