

# Titanium Grade 1 Sheet and Plate - ASTM B265

## *Typical Applications*

Desalination

Plate Frame Heat Exchangers

Dimensionally Stable Anodes

Marine Equipment

*Titanium Grade 1 has the lowest strength and best formability of the commercially pure grades.*

In addition it has excellent corrosion resistance in highly oxidising and mildly reducing environments.

## Technical specification

### *Related Specifications*

ASTM B265

### *Chemical Composition (WT %)*

	Min	Max
<b>C</b>	-	0.08
<b>N</b>	-	0.03
<b>O</b>	-	0.18
<b>Fe</b>	-	0.2
<b>H</b>	-	0.015

### *Typical Mechanical Properties*

<b>0.2% Proof Stress</b>	MPA	Min	170
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<b>Tensile Strength</b>	MPA	Min	240
<b>Elongation</b>		%	24
<b>Reduction of Area</b>		%	30

Need more information? **Get in touch**

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