

### Titanium Chemical Composition

Alloy	Tensile Strength (min)		0.2 % yield Strength (min)		Impurity Limits (wt %)					Nominal Composition (wt %)				
	C	Mn	S	Si	N (max)	C (max)	H (max)	Fe (max)	O (max)	Al	Sn	Zr	Mo	Others
<b>Unalloyed Grades</b>														
ASTM Grade 1	240	35	170	25	0.03	0.10	0.015	0.20	0.18	-	-	-	-	-
ASTM Grade 2	340	50	280	40	0.03	0.10	0.015	0.30	0.25	-	-	-	-	-
ASTM Grade 3	450	65	380	55	0.06	0.10	0.015	0.30	0.35	-	-	-	-	-
ASTM Grade 4	550	80	480	70	0.06	0.10	0.015	0.50	0.40	-	-	-	-	-
ASTM Grade 7	340	50	280	40	0.03	0.10	0.015	0.30	0.25	-	-	-	-	0.2 Pd