

TITANIUM GRADE 2

Chemical Composition	C	Fe	N2	O2	H2*	H**	Ti								
% Values (minimum)	-	-	-	-	-	-									
% Values (Maximum)	1	0.3	.03	0.25	.015	.0125	BAL								

* SHEET

** BAR

APPLICATION

Medical equipment
 Marine equipment
 Oil and Gas
 Chemical industries
 Autosport components
 Pulp and Paper manufacture

DESCRIPTION

Grade 2 is the most frequently used unalloyed titanium grade. It provides moderate strength (typical yield strength 352 MPa) combined with good ductility and formability and excellent weldability. Grade 2 titanium has a density of 4.51 g/cc - less than 60% that of steel.

CORROSION RESISTANCE

Grade 2 Titanium offers high corrosion resistance in oxidising, neutral and mildly reducing media, including chlorides.