

Alleima Ti Grade 1

Tube and pipe, seamless

Datasheet

Alleima® Ti Grade 1 is an unalloyed titanium grade (CP titanium = commercially pure titanium) with low oxygen content. The grade is characterized by relatively low strength and high ductility. It is typically used for plate heat exchangers.

Standards

- ASTM: Grade 1
- UNS: R50250

Chemical composition (nominal)

Chemical composition (nominal) %

Fe	O	C	H	N
≤0.20	≤0.12	≤0.08	≤0.01	≤0.02

Ti=Bal.

Disclaimer: Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice. This datasheet is only valid for Alleima materials.