

Technical Data Sheet

Product Name: Titanium Pipe
Catalog No.: TM0164
Standard: ASTM B337, ASTM B338, ASTM B861
Size: Customized
Color: Grey
Grade: Grade 1, Grade 2, Grade 3, Grade 4



Specification

Form	O.D. (mm)	W.T. (mm)	Length (mm)	Standard	Surface
Tube Pipe	8.0-114.0	0.15-7.5	Customized	ASTM B337, ASTM B338, ASME SB338	Pickled, Polished

Chemical Composition (% , Max.)

Element	N	C	H	Fe	O	Residuals	Ti
Grade 1	0.03	0.08	0.01	0.2	0.18	0.4	Bal.
Grade 2	0.03	0.08	0.015	0.25	0.25	0.4	Bal.
Grade 3	0.05	0.08	0.015	0.30	0.35	0.4	Bal.
Grade 4	0.05	0.08	0.015	0.50	0.40	0.4	Bal.

Properties

Properties	Unit	Value
Density	g/cm ³	4.51
Melting Point	°C	1670
Modulus of Elasticity	kN/mm ²	105-120
Thermal Conductivity	W/m-K	20
Elongation	%	18
Coefficient of Expansion (20 – 100°C)	µm/m °C	8.6
Yield Strength	MPa	379
Tensile Strength	MPa	448

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By..... *Woman*