GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-250 Grade T2

Standard Specification for Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes

Group - Ferrous Mild Steel Alloys

Sub Group - ASME SA-250 Grade T2 Electric-Resistance-Welded Ferritic Alloy-Steel Boiler and Superheater Tubes

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Tubing

Chemical Composition		
Carbon	C %	0.100 - 0.200
Manganese	Mn %	0.300 - 0.610
Phosphorus	P %	0.025 max.
Sulphur	S %	0.020 max.
Silicon	Si %	0.100 - 0.300
Molybdenum	Mo %	0.440 - 0.650
Chromium	Cr %	0.500 - 0.810
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Annealing or Normalizing or Normalizing & Tempering or As-Raw

Mechanical Properties	
Tensile Strength in Mpa	415 min.
Yield Strength in Mpa	205 min.
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in BHN	163 max.
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
K11547	UNS	USA	Steel
G 3203 SFVA F 2	JIS	Japan	Steel and Forgings
SA-213 Grade T 2	ASME	USA	Steel and Tubing
SA-335 Grade P2	ASME	USA	Steel and Tubing
SA-369 FP2	ASME	USA	Steel and Tubing
A 213 Grade T2	ASTM	USA	Steel and Tubing
A 250 Grade T2	ASTM	USA	Steel and Tubing

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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