GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A333 Grade 7

Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A333 Grade 7 Seamless and Welded Steel Pipe for Low-Temperature Service

Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry - Pipe

Chemical Composition		
Carbon	C %	0.190 max.
Manganese	Mn %	0.900 max.
Phosphorus	P %	0.025 max.
Sulphur	S %	0.025 max.
Silicon	Si %	0.130 - 0.320
Nickel	Ni %	2.030 - 2.570
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Normalizing

Mechanical Properties	
Tensile Strength in Mpa	450 min.
Yield Strength in Mpa	240 min.
Elongation in %	22 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	18 @ -75˚C

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
K21903	UNS	USA	Steel
SA-333 Grade 7	ASME	USA	Pipe
SA-334 Grade 7	ASME	USA	Tubing
A 334 Grade 7	ASTM	USA	Tubing
1.5635	DIN	Germany	Steel
12 Ni 9	DIN	Germany	Steel
G 3127 SL2N26	JIS	Japan	Steel and Plates

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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