GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A283 Grade C

Standard Specification for Low and Intermediate Tensile Strength Carbon Steel Plates

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A283 Grade C Low and Intermediate Tensile Strength Carbon Steel Plates

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

Grade Belongs to the Industry - Plates

Chemical Composition		
Carbon	C %	0.240 max.
Manganese	Mn %	0.900 max.
Phosphorus	P %	0.035 max.
Sulphur	S %	0.040 max.
Silicon	Si %	0.400 max.
Copper	Cu %	0.200 min.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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

Mechanical Properties	
Tensile Strength in Mpa	380 - 515
Yield Strength in Mpa	205 min.
Elongation in %	25 min.
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
K02401	UNS	USA	Steel
A 134 A 283 Grade C	ASTM	USA	Steel and Pipe
A 134 Grade C	ASTM	USA	Steel and Pipe
SA-134 A283-C	ASME	USA	Steel and Pipe
SA-283 C	ASME	USA	Steel and Plates
SA-283 A	ASME	USA	Steel and Plates
SA-283 B	ASME	USA	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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