GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A135 Grade A

Standard Specification for Electric-Resistance-Welded Steel Pipe

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A135 Grade A Electric-Resistance-Welded Steel Pipe

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

Grade Belongs to the Industry - Pipe

Chemical Composition		
Carbon	C %	0.250 max.
Manganese	Mn %	0.950 max.
Phosphorus	P %	0.035 max.
Sulphur	S %	0.035 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw

Mechanical Properties	
Tensile Strength in Mpa	331 min.
Yield Strength in Mpa	207 min.
Elongation in %	35 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**
EN 10025 S 235 JRG 2	UNI	Italy	Steel
EN 10025 S 235 JRG 2	B.S.	United Kingdom	Steel
10277-2 1.0122	EN	European Union	Steel
10169-1 1.0038	EN	European Union	Steel
10025 Fe 360 BFN	EN	European Union	Steel
10025 S 235 JR G2	EN	European Union	Steel
EN 10025 1.0038	DIN	Germany	Steel

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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