GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASME SA-29 Grade 4130

Standard Specification for Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements For

Group - Ferrous Mild Steel Alloys

Sub Group - ASME SA-29 Grade 4130 Steel Bars, Carbon and Alloy, Hot-Wrought and Cold-Finished, General Requirements For

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

Grade Belongs to the Industry - Steel and Bars

Chemical Composition		
Carbon	C %	0.280 - 0.330
Manganese	Mn %	0.400 - 0.600
Phosphorus	P %	0.035 max.
Sulphur	S %	0.040 max.
Silicon	Si %	0.150 - 0.350
Chromium	Cr %	0.800 - 1.100
Molybdenum	Mo %	0.150 - 0.250
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Raw or Annealing or Normalizing or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
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**
G41300	UNS	USA	Steel and Bars
A 29 4130	ASTM	USA	Steel and Bars
A 914 4130RH	ASTM	USA	Steel
A 752 4130	ASTM	USA	Steel and Wire rods
A 513 4130	ASTM	USA	Steel and Tubing
A 505 4130	ASTM	USA	Steel, Sheet, and Strip
A 322 4130	ASTM	USA	Steel and Bars

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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.