GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - ASTM A510 1059

Standard Specification for General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel

Group - Ferrous Mild Steel Alloys
Sub Group - ASTM A510 1059 General Requirements for Wire Rods and Coarse Round Wire, Carbon Steel
Application - Intended for Valve, Pump, General Engineering, Automotive and other Industries
Grade Belongs to the Industry - Wire Rods and Coarse Round Wire

Chemical Composition		
Carbon	C %	0.550 - 0.650
Manganese	Mn %	0.500 - 0.800
Phosphorus	P %	0.040 max.
Sulphur	S %	0.050 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As Raw or Annealing or Normalizing or Hardening and Tempering

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HRC	-
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
G10590	UNS	USA	Forging and Bars
17140-1 D 58-2	DIN	Germany	Wire Rods
G 3506 SWRH 57 A	JIS	Japan	Steel and Wire Rods
SAE J 403 1059	AISI	USA	Forging, Bars, Wire Rods, Tubing
SA-29 1059	ASME	USA	Steel and Bars
A 29 1059	ASTM	USA	Steel and Bars
A 713 Grade 1059	ASTM	USA	Steel and Wire

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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