

## Material: ASTM A 510 1060

### Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Wire Rod, Round Wire and Steel

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** ASTM A 510 1060 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Wire Rod, Round Wire and Steel

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries

**Grade Belongs to the Industry:** Wire Rod, Round Wire and Steel

Chemical Composition			Heat Treatment	
Carbon	C %	0.550 - 0.650	As Raw or Annealing or Normalizing or Hardening and Tempering	
Manganese	Mn %	0.600 - 0.900		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.050 max.		
Boron	B %	0.0008		
Iron	Fe %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 620 - 680 Yield Strength in Mpa 370 min. Elongation in % 10 min. Reduction of Area in % 30 - 45 Hardness in HB 183 - 201 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10600	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1060	SAE	USA	Steel
1060	AISI	USA	Steel and Tubing
A 1040 1060	ASTM	USA	Steel
A 29 1060	ASTM	USA	Steel and Bar
A 513 Grade 1060	ASTM	USA	Steel and Tubing
A 576 10L60	ASTM	USA	Bar

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)