

## Material: ASTM A 512 Grade 1026

## **Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Tubing**

## **Group: Ferrous Mild Steel Alloys**

## **Sub Group: ASTM A 512 Grade 1026 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Tubing**

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

## **Grade Belongs to the Industry: *Tubing***

Chemical Composition			Heat Treatment
Carbon	C %	0.220 - 0.280	As Raw or Annealing or Normalizing or Hardening and Tempering
Manganese	Mn %	0.600 - 0.900	
Phosphorus	P %	0.040 max.	
Sulphur	S %	0.045 max.	
Iron	Fe %	Balance	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
Mechanical Properties			
Tensile Strength in Mpa			415 min.
Yield Strength in Mpa			240 min
Elongation in %			5 min.
Reduction of Area in %			40 - 49
Hardness in HB			126 - 143
Impact in Joule			-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10260	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1026	SAE	USA	Steel
1026	AISI	USA	Tubing
A 1040 1026	ASTM	USA	Steel
A 29 1026	ASTM	USA	Steel and Bar
A 510 1026	ASTM	USA	Wire Rod and Round Wire
A 513 Grade 1026	ASTM	USA	Tubing

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