

## Material: ASTM A915 Grade SC 1030

### Standard Specification for Steel Castings, Carbon and Alloy Chemical Requirements Similar to Standard Wrought Grades

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** ASTM A915 Grade SC 1030 Steel Castings, Carbon and Alloy Chemical Requirements Similar to Standard Wrought Grades

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

**Grade Belongs to the Industry:** Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.280 - 0.340	As- Cast or Normalizing or Annealing or Hardening + Tempering	
Silicon	Si %	0.300 - 0.600		
Manganese	Mn %	0.500 - 0.900		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.040 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa 470 min. Yield Strength in Mpa 260 min. Elongation in % 20 min. Reduction of Area in % - Hardness in BHN 137 Impact in Joule 75 J @ RT	
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-	-	-		
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-	-	-		
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J03012	UNS	USA	Casting
1030	AISI	USA	Bar, Wire, Tube and Forging
1030	SAE	USA	Bar, Wire, Tube and Forging
1030	AS	Australia	Bar, Wire, Tube and Forging
1030	AMS	USA	Bar, Wire, Tube and Forging
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