

## Material: ASTM A915 Grade SC 8625

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

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** ASTM A915 / A915M 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 %	0.230 - 0.280	As- Cast or Normalising or Annealing or Hardening + Tempering	
Silicon	Si %	0.300 - 0.600		
Manganese	Mn %	0.600 - 1.000		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.040 max.		
Chromium	Cr %	0.400 - 0.600		
Molybdenum	Mo %	0.150 - 0.250		
Nickel	Ni %	0.400 - 0.700		
Iron	Fe %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in BHN - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J12595	UNS	USA	Casting
8625	AISI	USA	Bar, Wire, Tube and Forging
8625	SAE	USA	Bar, Wire, Tube and Forging
8625	AS	Australia	Bar, Wire, Tube and Forging
8625	AMS	USA	Bar, Wire, Tube and Forging
A 29 8625	ASTM	USA	Bar, Wire, Tube and Forging
A 505 8625	ASTM	USA	Bar, Wire, Tube and Forging

**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