

Material - ASTM A148 Grade 260-210

Standard Specification for Steel Castings, High Strength, for Structural Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A148 / A148M Steel Castings, High Strength for Structural Purposes

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Sulphur	S %	0.020 max.	Normalising or Annealing or Hardening + Tempering	
Phosphorus	P %	0.020 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	1795 min.
			Yield Strength in Mpa	1450 min.
			Elongation in %	3 min.
			Reduction of Area in %	6 min.
			Hardness in BHN	-
			Impact	-
Cross Reference Table			Grade Belongs to the Industry -	
Material	Standard	Country	Casting	
D52100	UNS	USA	Casting	
A148 Grade 165-150L	ASTM	USA	Casting	
A148 Grade 210-180	ASTM	USA	Casting	
A148 Grade 210-180L	ASTM	USA	Casting	
A148 Grade 165-150	ASTM	USA	Casting	
A148 Grade 260-210L	ASTM	USA	Casting	
D51501	UNS	USA	Casting	

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