

Standard Specification for Austenitic Manganese Steel Casting

Sub Group: UNS J91339 Austenitic Manganese Steel Casting

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

Grade Belongs to the Industry: *Casting*

Chemical Composition			Heat Treatment	
Carbon	C %	1.050 - 1.450	Annealing or Normalizing or Hardening + Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	11.500 - 14.000		
Phosphorus	P %	0.070 max.		
Molybdenum	Mo %	1.800 - 2.100		
Iron	Fe %	Balance		
-	-	-		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

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